Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-74494

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
OU GB 5W-9-8-22

2. Name of Operator
SHENANDOAH ENERGY INC.
Contact: JOHN BUSCH
E-Mail: jbusch@shenandoahenergy.com

9. API Well No.
43-047-34753

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

10. Field and Pool, or Exploratory
WHITE RIVER

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SWNW Lot 2 1980FNL 827FWL 4444122Y 40.13894
631859X -109.45218

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 9 T8S R22E Mer SLB

14. Distance in miles and direction from nearest town or post office*
11 +/- MILES FROM REDWASH, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
827' +/-

16. No. of Acres in Lease
576.02

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1500' +/-

19. Proposed Depth
5100 MD
5100 TVD

20. BLM/BIA Bond No. on file
UT-1237

21. Elevations (Show whether DF, KB, RT, GL, etc.
5134 KB

22. Approximate date work will start

23. Estimated duration
10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature — John Busch — Name (Printed/Typed) JOHN BUSCH — Date 10/14/2002

Title
OPERATIONS

Federal Approval of this Action is Necessary

Approved by (Signature) — Name (Printed/Typed) BRADLEY G. HILL — Date 10-28-02

Title — Office ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

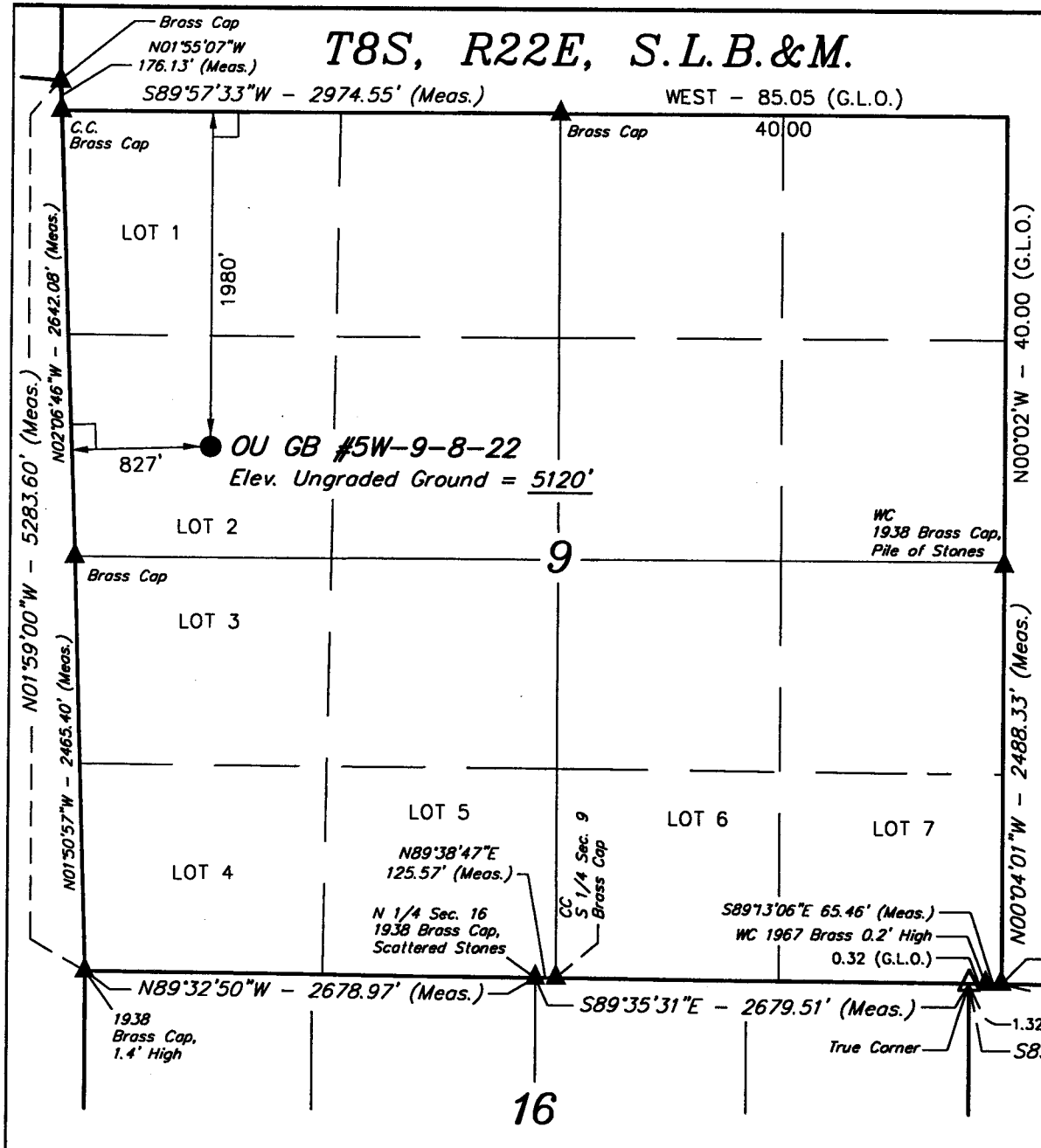
RECEIVED

Electronic Submission #14737 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

OCT 16 2002

DIVISION OF
GAS AND MINING

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****



SHENANDOAH ENERGY, INC.

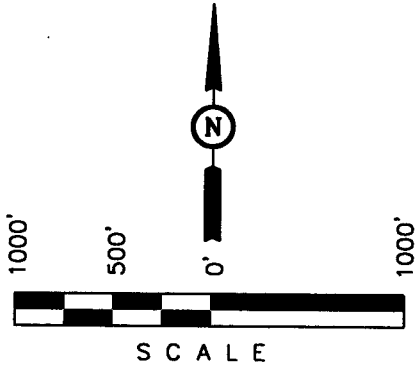
Well location, OU GB #5W-9-8-22, located as shown in the SW 1/4 NW 1/4 of Section 9, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS COMPUTED FROM G.L.O. (Not Set on Ground)

(NAD 83)
LATITUDE = 40°08'20.28" (40.138967)
LONGITUDE = 109°27'08.97" (109.452492)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 09-13-02	DATE DRAWN: 09-18-02
PARTY: D.A. J.A. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: SHENANDOAH ENERGY, INC.	

SHENANDOAH ENERGY INC.
OU GB 5W-9-8-22

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	***Depth***
Uinta	Surface
Green River	2859
Mahogany Ledge	3859
Mesa	6389
TD (Wasatch)	5100

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	***Formation***	***Depth***
Oil/Gas	Wasatch	5100

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 2040.0 psi.

SHENANDOAH ENERGY INC.
OVER AND UNDER GLEN BENCH 5W-9-8-22
1980' FNL, 827' FWL
SWNW, 9, T8S, R22E, LOT # 2
UINTAH COUNTY, UTAH
LEASE # UTU-74494

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the OU GB 5W-9-8-22 on October 10, 2002 at approximately 12:40 PM. Weather conditions were sunny with a light breeze at the time of the onsite. In attendance at the inspection were the following individuals:

Byron Tolman	Bureau of Land Management
Dixie Sadlier	Bureau of Land Management
Paul Buehler	Bureau of Land Management
Jan Nelson	Shenandoah Energy Inc.
Raleen Searle	Shenandoah Energy Inc.

1. **Existing Roads:**

The proposed well site is approximately 11 miles southwest of Red Wash, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Seed mix #4.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A rights-of-way will be required for the part of the pipeline that travels off lease in Section 8. The part that goes off lease is 50' +/- in length, 20' in width, with a 3" steel zaplocked gas surface line. The pipeline will be zaplocked on location and then pulled into place.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch
Red Wash Operations Representative

14-Oct-02
Date

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 5100' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

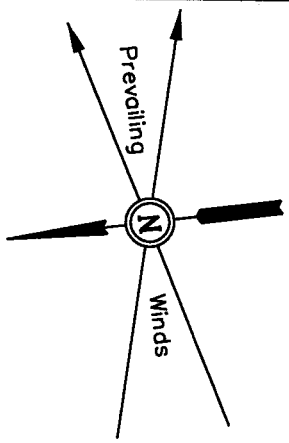
Bond coverage for this well is provided by Bond No. UT-1237 The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

SHENANDOAH ENERGY, INC.

LOCATION LAYOUT FOR

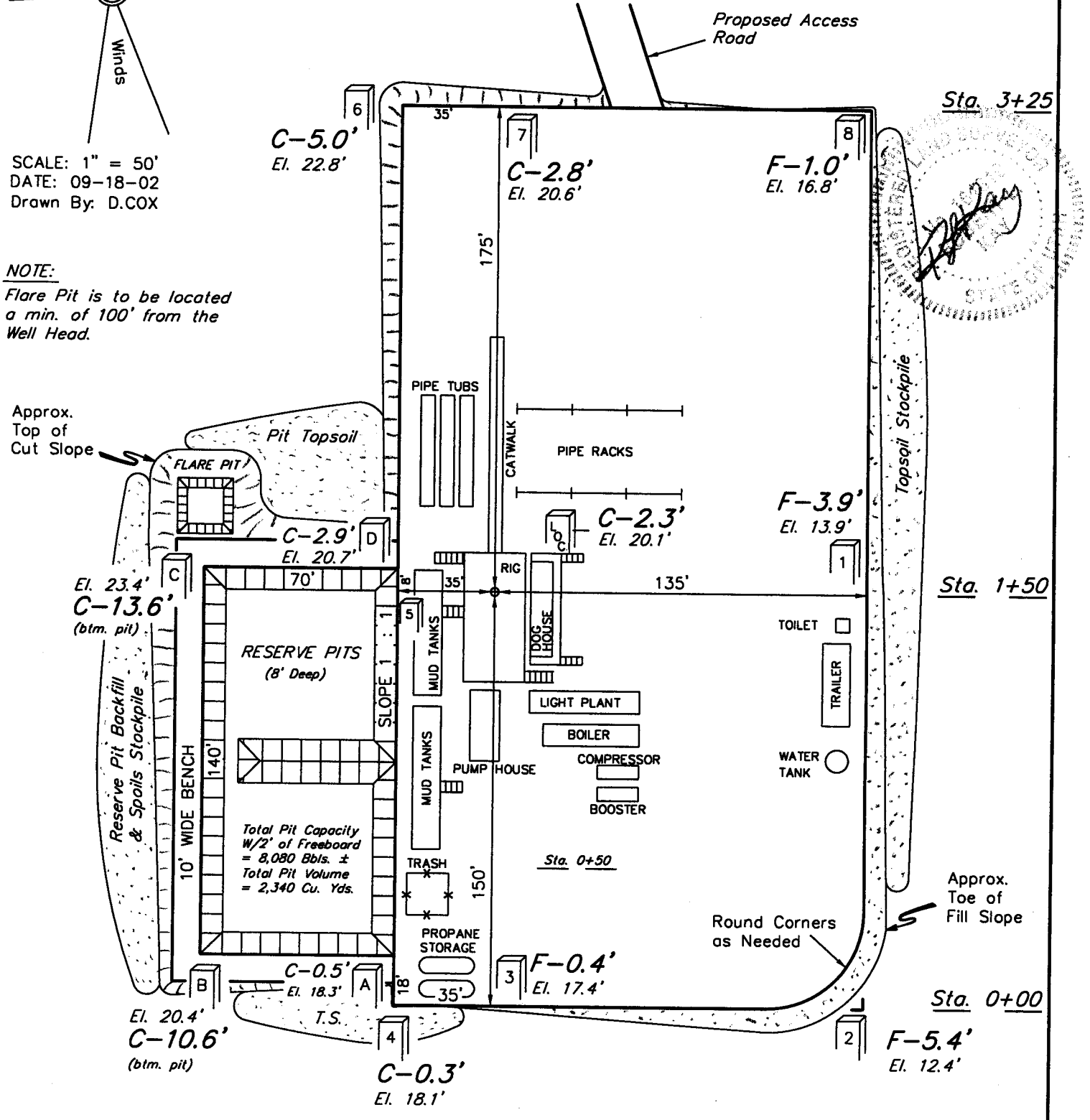
OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

FIGURE #1



SCALE: 1" = 50'
DATE: 09-18-02
Drawn By: D.COX

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5120.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5117.8'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

SHENANDOAH ENERGY, INC.

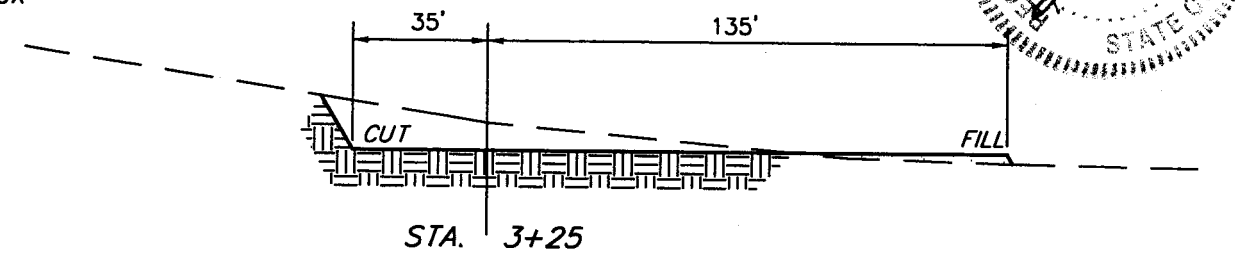
TYPICAL CROSS SECTIONS FOR

OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

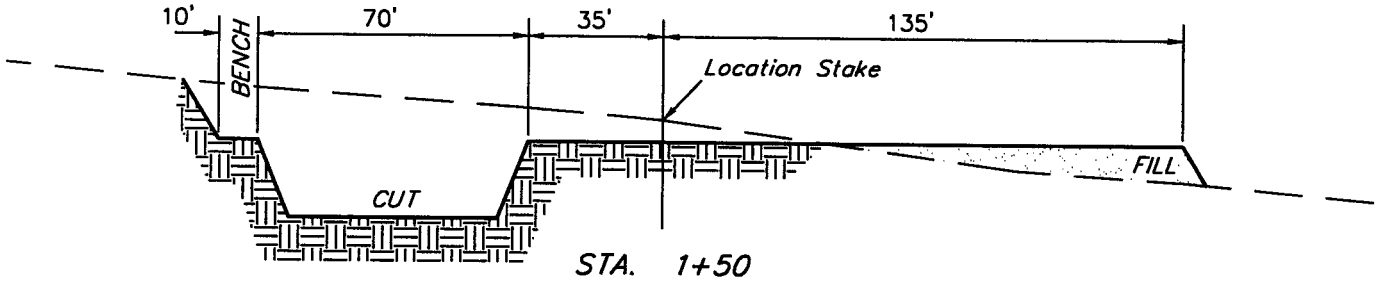
FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

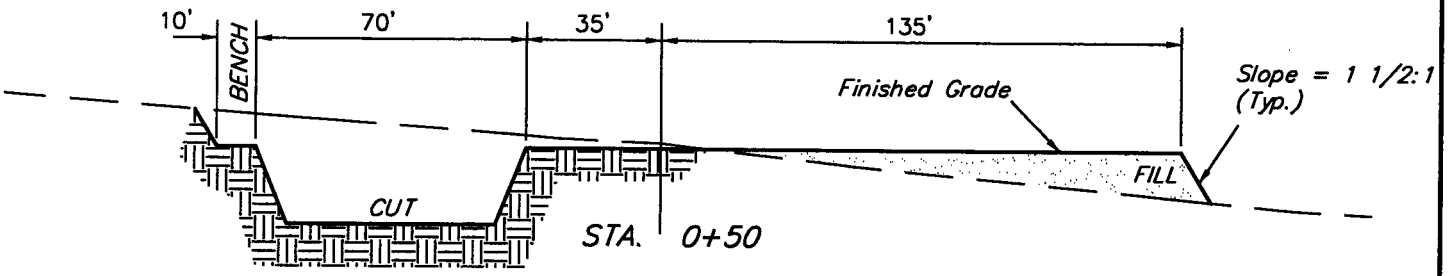
DATE: 09-18-02
Drawn By: D.COX



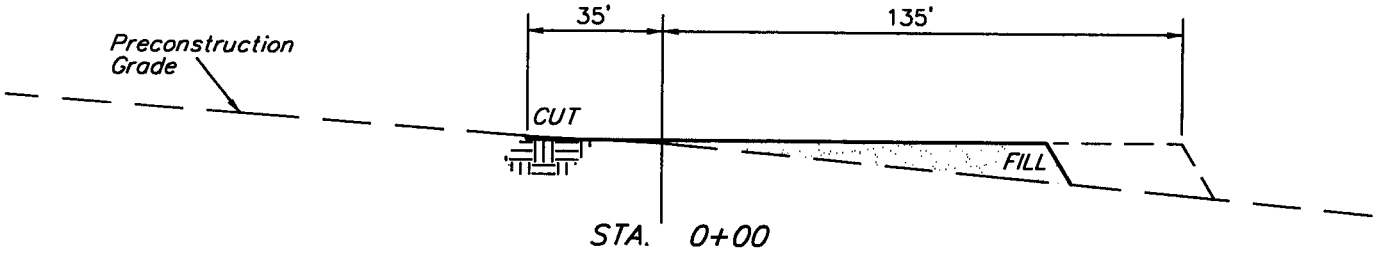
STA. 3+25



STA. 1+50



STA. 0+50



STA. 0+00

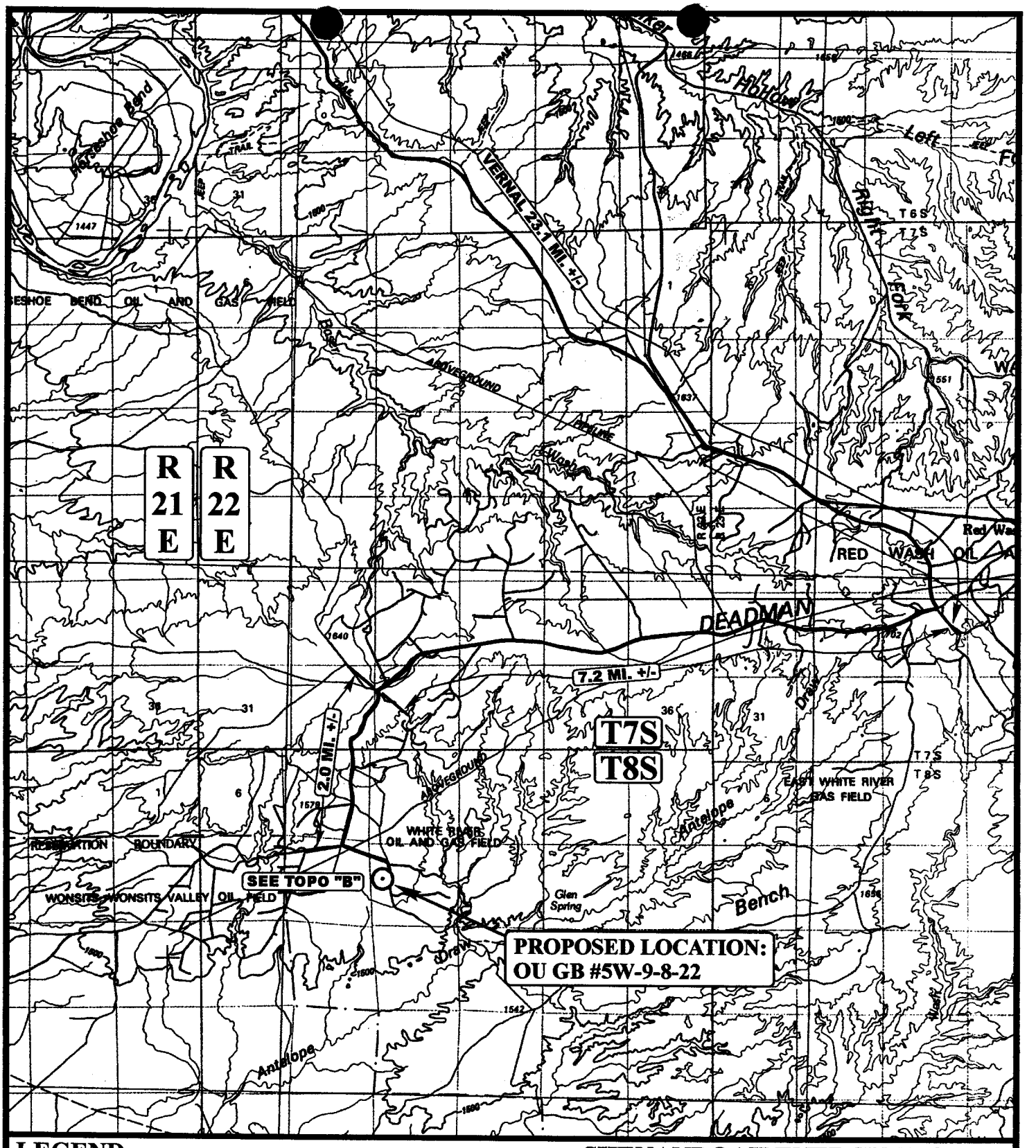
APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,260 Cu. Yds.
Remaining Location = 4,770 Cu. Yds.

TOTAL CUT = 6,030 CU.YDS.
FILL = 3,420 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 2,430 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,430 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

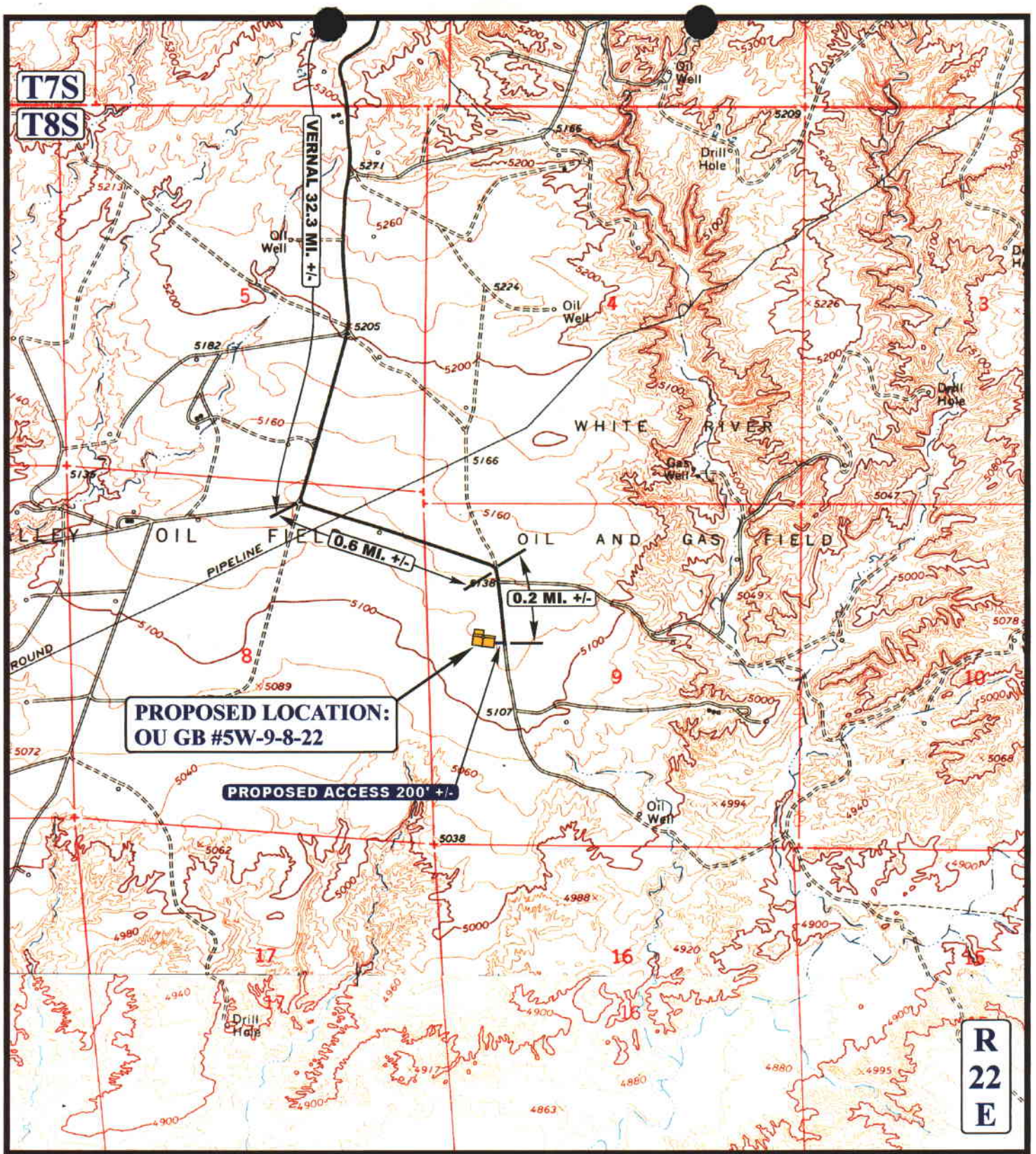
N

SHENANDOAH ENERGY, INC.

OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	9 MONTH	23 DAY	02 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

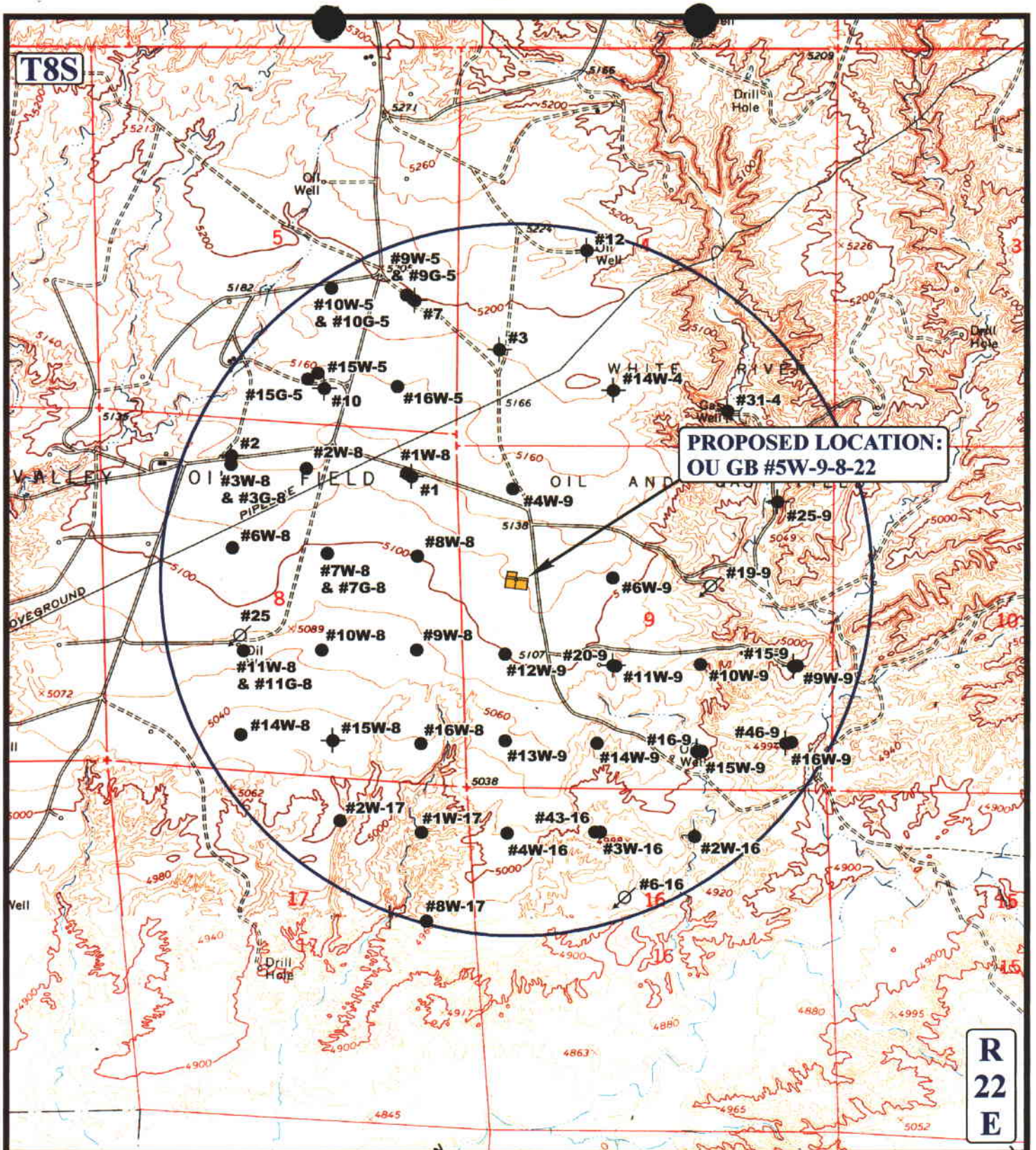
N

SHENANDOAH ENERGY, INC.

OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	9 MONTH	23 DAY	02 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- WATER WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED

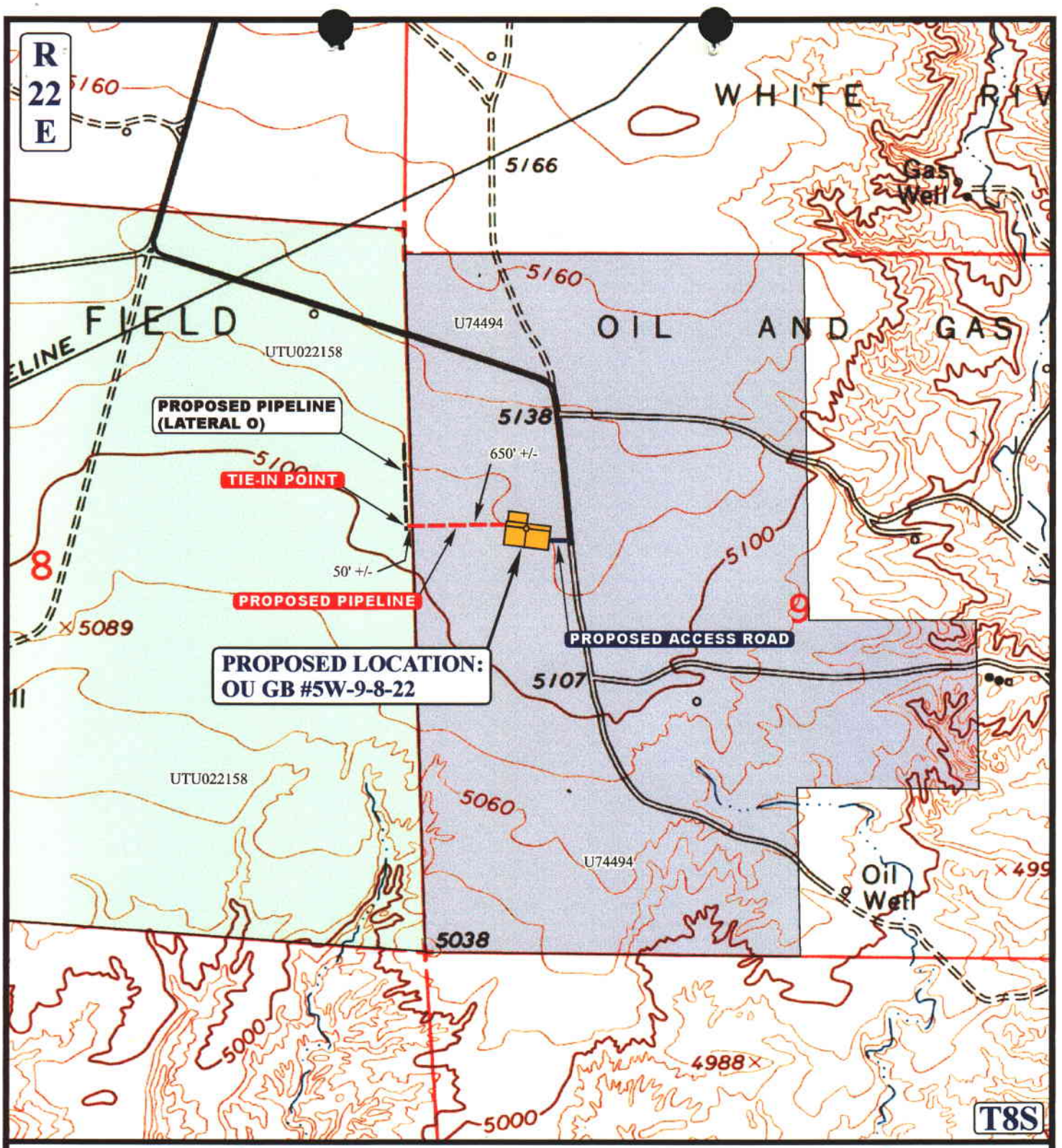
N

SHENANDOAH ENERGY, INC.

OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	9 MONTH	23 DAY	02 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 700' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

SHENANDOAH ENERGY, INC.

OU GB #5W-9-8-22
SECTION 9, T8S, R22E, S.L.B.&M.
1980' FNL 827' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	9 MONTH	23 DAY	02 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: P.M.	REVISED: 00-00-00		

SHENANDOAH ENERGY, INC.

OU GB #5W-9-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 9, T8S, R22E, S.L.B.&M.

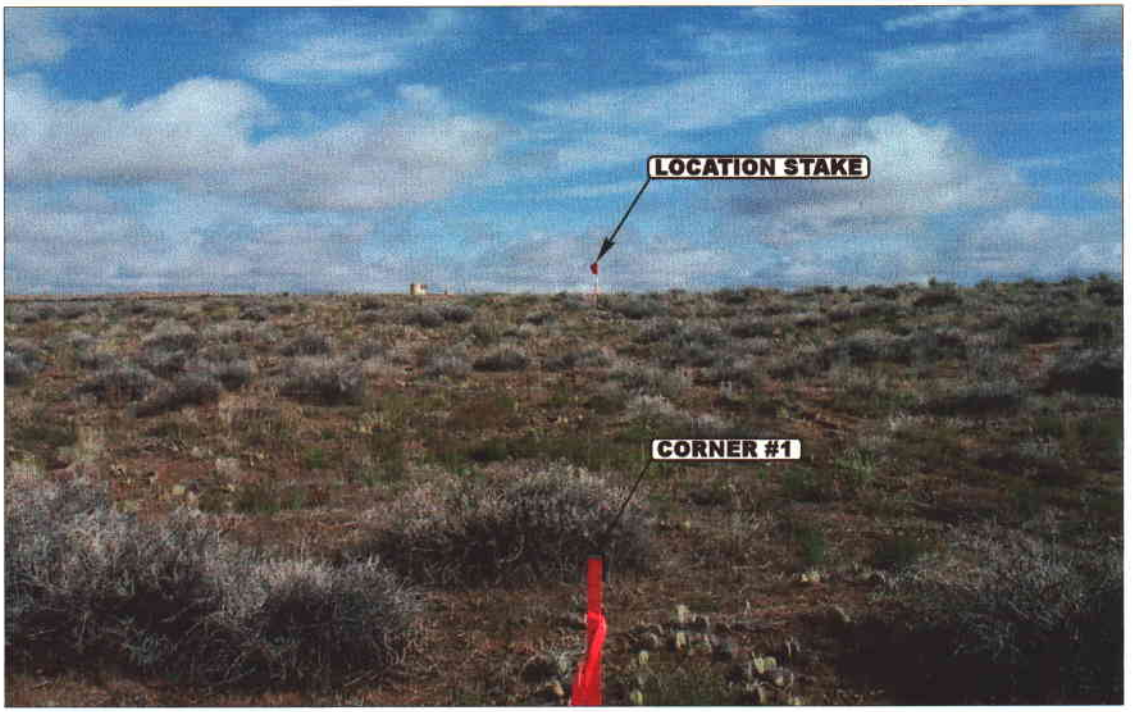


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	9 MONTH	23 DAY	02 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: P.M.	REVISED: 00-00-00		

004

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/16/2002

API NO. ASSIGNED: 43-047-34753

WELL NAME: OU GB 5W-9-8-22

OPERATOR: SHENANDOAH ENERGY INC (N4235)

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

SWNW 09 080S 220E

SURFACE: 1980 FNL 0827 FWL

BOTTOM: 1980 FNL 0827 FWL

UINTAH

WHITE RIVER (705)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74494

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.13899

LONGITUDE: 109.45218

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-1237)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit WHITE RIVER ✓

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

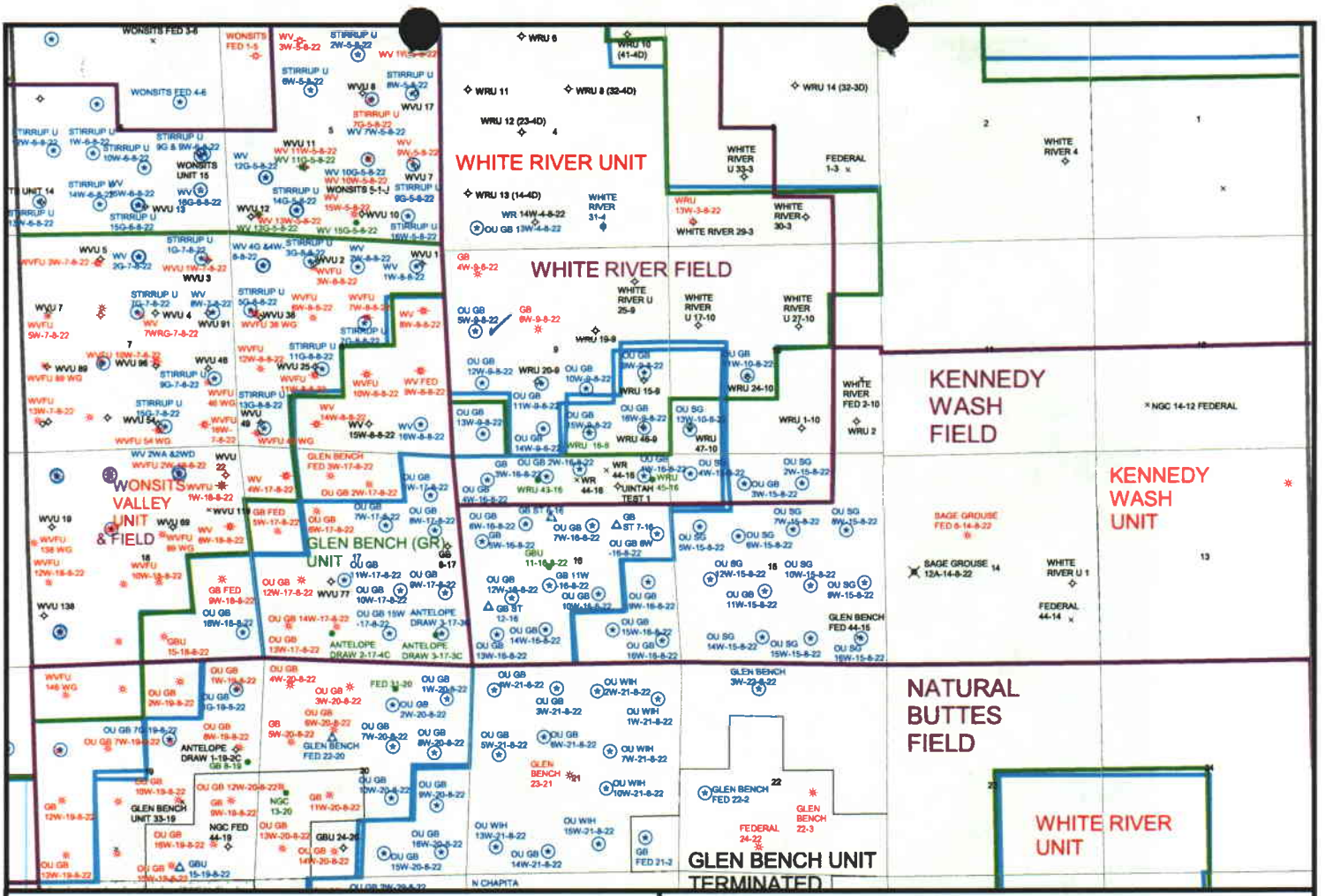
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: SHENANDOAH ENERGY (N4235)

SEC. 9 T8S R22E

FIELD: WHITE RIVER (705)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

Well Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

- Section Lines
- Township Lines
- County Boundaries

N W E S

PREPARED BY: DIANA MASON
DATE: 21-OCTOBER-2002

002

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 25, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2002 Plan of Development White River Unit, Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the White River Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34752	OU GB 13W-4-8-22	Sec. 4 T8S R22E 0592 FSL 0860 FWL
43-047-34753	OU GB 5W-9-8-22	Sec. 9 T8S R22E 1980 FNL 0827 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-25-02

005

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 28, 2002

Shenandoah Energy Inc.
11002 E 17500 So.
Vernal, UT 84078

Re: Over and Under Glen Bench 5W-9-8-22 Well, 1980' FNL, 827' FWL, SW NW, Sec. 9, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34753.

Sincerely,

John R. Baza
Associate Director

pb
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Utah!
Where ideas connect

Operator: Shenandoah Energy Inc.

Well Name & Number Over and Under Glen Bench 5W-9-8-22

API Number: 43-047-34753

Lease: UTU-74494

Location: SW NW **Sec.** 9 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

007

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** **WHITE RIVER UNIT**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
OU GB 13W-4-8-22	04	080S	220E	4304734752		Federal	GW	APD	C
OU GB 11W-4-8-22	04	080S	220E	4304734761		Federal	GW	APD	C
OU GB 3W-4-8-22	04	080S	220E	4304734806		Federal	GW	APD	C
OU GB 4W-4-8-22	04	080S	220E	4304734807		Federal	GW	APD	C
OU GB 5W-4-8-22	04	080S	220E	4304734808		Federal	GW	APD	C
OU GB 6W-4-8-22	04	080S	220E	4304734809		Federal	GW	APD	C
OU GB 9W-9-8-22	09	080S	220E	4304734650		Federal	GW	APD	C
OU GB 10W-9-8-22	09	080S	220E	4304734651	13730	Federal	GW	P	C
OU GB 12W-9-8-22	09	080S	220E	4304734652	13712	Federal	GW	TA	C
OU GB 11W-9-8-22	09	080S	220E	4304734653		Federal	GW	APD	C
OU GB 16W-9-8-22	09	080S	220E	4304734679	13729	Federal	GW	P	C
OU GB 5W-9-8-22	**09**	**080S**	**220E**	**4304734753**		Federal	GW	APD	C
OU GB 3W-9-8-22	09	080S	220E	4304734763		Federal	GW	APD	C
OU GB 11W-10-8-22	10	080S	220E	4304734691		Federal	GW	APD	C
OU GB 12W-10-8-22	10	080S	220E	4304734769	13864	Federal	GW	DRL	C
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	DRL	C
WRU EIH 11W-26-8-22	26	080S	220E	4304734836		Federal	GW	APD	C
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	13544	Federal	GW	DRL	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted contacted on:

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/11/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/11/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

10/23/02

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

CONFIDENTIAL

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
SHENANDOAH ENERGY INC.
Contact: JOHN BUSCH
E-Mail: jbusch@shenandoahenergy.com

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SWNW Lot 2 1980FNL 827FWL
At proposed prod. zone

RECEIVED
OCT 15 2002

5. Lease Serial No.
UTU-74494

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
OU GB 5W-9-8-22

9. API Well No.

10. Field and Pool, or Exploratory
WHITE RIVER

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 9 T8S R22E Mer SLB

14. Distance in miles and direction from nearest town or post office*
11 +/- MILES FROM REDWASH, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
827' +/-

16. No. of Acres in Lease
576.02

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
1500' +/-

19. Proposed Depth
8100 MD
8100 TVD

20. BLM/BIA Bond No. on file
UT-1237

21. Elevations (Show whether DF, KB, RT, GL, etc.
5134 KB

22. Approximate date work will start

23. Estimated duration
10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date
(Electronic Submission)	JOHN BUSCH	10/14/2002

Title
OPERATIONS

Approved by (Signature)	Name (Printed/Typed)	Date
Title Assistant Field Manager Mineral Resources	Office	01/23/2003

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #14737 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

RECEIVED
FEB 03 2003

CONDITIONS OF APPROVAL ATTACHED

DIV. OF OIL, GAS & MINING

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: OU GB 5W-9-8-22

API Number: 43-047-34753

Lease Number: UTU – 74494

Location: LOT 2 (SWNW) Sec. 09 TWN: 08S RNG: 22E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at ±2,932 ft.

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Conditions for Approval are in the APD.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: White River Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under White River Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the White River Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – White River Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:6/9/03

SEI (N4235) to QEP (N2460)

well_name	Sec	T	R	api DOGM	Entity	[redacted]	[redacted]	stat		unit_name
OU GB 9W-9-8-22	09	080S	220E	4304734650		Federal	GW	APD	C	WHITE RIVER
OU GB 10W-9-8-22	09	080S	220E	4304734651	13730	Federal	GW	P	C	WHITE RIVER
OU GB 12W-9-8-22	09	080S	220E	4304734652	13712	Federal	GW	TA	C	WHITE RIVER
OU GB 11W-9-8-22	09	080S	220E	4304734653		Federal	GW	APD	C	WHITE RIVER
OU GB 16W-9-8-22	09	080S	220E	4304734679	13729	Federal	GW	P	C	WHITE RIVER
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	13544	Federal	GW	DRL	C	WHITE RIVER
OU GB 11W-10-8-22	10	080S	220E	4304734691		Federal	GW	APD	C	WHITE RIVER
OU GB 13W-4-8-22	04	080S	220E	4304734752		Federal	GW	APD	C	WHITE RIVER
OU GB 5W-9-8-22	09	080S	220E	4304734753		Federal	GW	APD	C	WHITE RIVER
OU GB 11W-4-8-22	04	080S	220E	4304734761		Federal	GW	APD	C	WHITE RIVER
OU GB 3W-9-8-22	09	080S	220E	4304734763		Federal	GW	APD	C	WHITE RIVER
OU GB 12W-10-8-22	10	080S	220E	4304734769	13864	Federal	GW	DRL	C	WHITE RIVER
OU GB 3W-4-8-22	04	080S	220E	4304734806		Federal	GW	APD	C	WHITE RIVER
OU GB 4W-4-8-22	04	080S	220E	4304734807		Federal	GW	APD	C	WHITE RIVER
OU GB 5W-4-8-22	04	080S	220E	4304734808		Federal	GW	APD	C	WHITE RIVER
OU GB 6W-4-8-22	04	080S	220E	4304734809		Federal	GW	APD	C	WHITE RIVER
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	DRL	C	WHITE RIVER
WRU EIH 11W-26-8-22	26	080S	220E	4304734836		Federal	GW	APD	C	WHITE RIVER

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

008

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU-74494

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

8. Well Name and No.
OU GB 5W-9-8-22

2. Name of Operator
QEP - UINTA BASIN INC

Contact: RALEEN SEARLE
E-Mail: raleen.searle@questar.com

9. API Well No.
43-047-34753

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4309
Fx: 435.781.4329

10. Field and Pool, or Exploratory
WHITE RIVER

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 9 T8S R22E SWNW 1980FNL 827FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. hereby requests a one year extension on the APD for the OU GB 5W-9-8-22.

COPY SENT TO OPERATOR
Date: 12-1-03
Initials: CHD

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 11-25-03
By:

RECEIVED
NOV 25 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #25359 verified by the BLM Well Information System
For QEP - UINTA BASIN INC, sent to the Vernal

Name *(Printed/Typed)* RALEEN SEARLE — Title REGULATORY AFFAIRS ANALYST

Signature Raleen Searle (Electronic Submission) — Date 11/20/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34753
Well Name: OU GB 5W-9-8-22
Location: 1980' FNL, 827' FWL, SECTION 9, T8S, R22E SWN
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 1/23/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

Kaleen Sauls
Signature

11/20/2003
Date

Title: REGULATORY AFFAIRS ANALYST

Representing: QEP UINTA BASIN, INC.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
UTU-74494

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
UTU63021F

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

CONFIDENTIAL

8. Well Name and No.
OU GB 5W 9 8 22

2. Name of Operator
QEP, UINTA BASIN, INC.

9. API Well No.
43-047-34753

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area
WHITE RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWNW – Sec 9-T8S-R22E – 1980' FNL, 827' FWL

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Spud**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

This well was spud on 12/4/04. Drilled 41' 26" conductor hole. Set 41' 20" conductor. Cmt w/ Ready Mix.

RECEIVED
DEC 07 2004
DIV. OF OIL, GAS & MINING

3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Completion Clerk Specialist** Date **12/5/04**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CONFIDENTIAL

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

010

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc. Operator Account Number: N 2460

Address: 11002 East 17500 South

city Vernal

state UT zip 84078 Phone Number: (435) 781-4342

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734753	OU GB 5W 9 8 22		SWNW	9	8	22	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	13545	12/4/2004			12/9/04	K

Comments: WSTC = WSMVD CONFIDENTIAL
White River

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

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ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Name (Please Print): Darlene F. Caldwell

Signature: Darlene Caldwell

Title: Clerk Specialist Date: 12/5/2004

(5/2000)

CONFIDENTIAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   Oil Well [ ] Gas Well [X] Other [ ]

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2. Name of Operator
   QEP Uinta Basin Inc.
3. Address and Telephone No.
   11002 E. 17500 S. VERNAL, UT 84078-8526 **(435) 781-4331**
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   SWNW LOT 2 1980'FNL 827'FWL SECTION 9, T8S, R22E

5. Lease Designation and Serial No.
   UTU-74494
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
   891003509F
8. Well Name and No.
   OU GB 5W-9-8-22
9. API Well No.
   43-047-34753
10. Field and Pool, or Exploratory Area
    WHITE RIVER
11. County or Parish, State
    UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin Inc., proposes to drill this well to the Mancos B formation. The proposed TD was 5100', the new proposed TD will be 13050'. Please see attachments for BOP, casing and cementing changes.

QEP Uinta Basin, Inc. proposes to change the well name from OU GB 5W-9-8-22 to GB 5M-9-8-22.

Federal Approval of this Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 12-14-04
By:

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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **Jan Nelson** Title **Regulatory Affairs Analyst** **12-8-04**

(This space for Federal or State office use)

Approved by: Title COPY SENT TO OPERATOR Date: 12-15-04 Initials: CHD

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

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ONSHORE OIL & GAS ORDER NO. 1
QEP Uinta Basin, Inc.
OU GB 5W-9-8-22

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth	Prod. Phase Anticipated
Uinta	Surface	
Green River	2650'	
Mahogany	3655'	
Wasatch	6145'	Gas
Mesa Verde	8970'	
Castle Gate	11495'	
Blackhawk	11935'	
Mancos B	12700'	
TD	13050'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Oil/Gas	Mancos B	13050'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

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DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or Red Wash Water right # 49-2153 to supply fresh water for drilling purposes.

3. Operator's Specification for Pressure Control Equipment:

A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 2500 psi, or 70% of burst, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	700'	12-1/4"	9-5/8"	J-55	36lb/ft (new) LT&C
Intermediate	10500'+/-	8-3/4"	7"	N-80	26.lb/ft (new) LT&C
Production TD	13050'	6-1/8"	4 1/2"	P-110	13.5lb/ft (new) LT&C

*High Collapse P-110

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually and/or PVT/Flow Sho
D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes
If drilling with air the following will be used:

DRILLING PROGRAM

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. <u>Testing, logging and coring program</u>

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

C. Formation and Completion Interval: Mancos interval, final determination 0f completion will be made by analysis of logs.

DRILLING PROGRAM

Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

Casing	Volume	Type & Additives

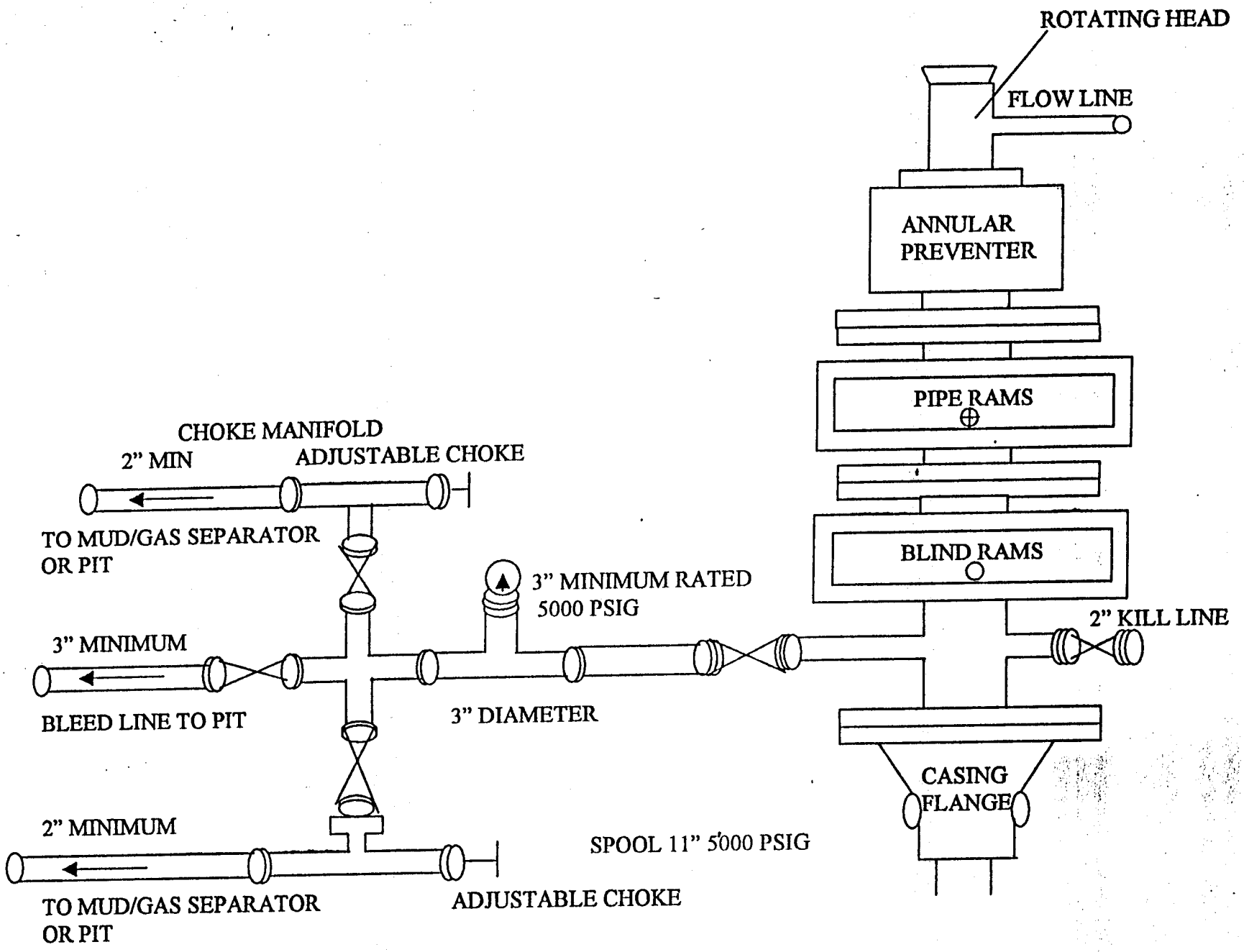
*See attached calculations

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5659 psi. Maximum anticipated bottom hole temperature is 140° F.

5000 PSIG DIAGRAM



Questar Exploration And Production
11002 East 17500 South
Vernal, Utah 84078

OU GB 5W-9-8-22
Glen Bench Field
Uintah County, Utah
United States of America

Cementing Recommendation

Prepared for:
December 1, 2004
Version: 1

Submitted by:
Rory Cook
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

HALLIBURTON

Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____
John Jorgensen
Procedure Analyst

Submitted by: _____
Rory Cook
Account Representative

SERVICE CENTER: Vernal Utah
SERVICE COORDINATOR: Dale Harrold
OPER. ENGINEER: Rick Curtice
PHONE NUMBER:(800)874-2550

HALLIBURTON

Job Information

9 5/8" Surface

OUGB	5W-9-8-22
12 1/4" Open Hole	0 - 700 ft (MD)
	0 - 700 ft (TVD)
Inner Diameter	12.250 in
Job Excess	75 %
9 5/8" Surface	0 - 700 ft (MD)
	0 - 700 ft (TVD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (700.00 ft fill)

700.00 ft * 0.3132 ft^3/ft * 75 %	= 383.65 ft^3
Primary Cement	= 383.65 ft^3
	= 68.33 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.4341 ft^3/ft	= 17.36 ft^3
	= 3.09 bbl
Tail plus shoe joint	= 401.02 ft^3
	= 71.42 bbl
Total Tail	= 335 sks

Total Pipe Capacity:

700.00 ft * 0.4341 ft^3/ft	= 303.85 ft^3
	= 54.12 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 54.12 bbl - 3.09 bbl
	= 51.02 bbl

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Job Recommendation — *9 5/8" Surface*

Fluid Instructions

Fluid 1: Water Based Spacer

Gel Water Ahead

Fluid Density:	8.40 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Primary Cement

Premium Plus V Cement

94 lbm/sk	Premium Plus V Cement (Cement-api)	Fluid Weight	15.60 lbm/gal
2 %	Calcium Chloride (Accelerator)	Slurry Yield:	1.20 ft^3/sk
0.25 lbm/sk	Flocele (Lost Circulation Additive)	Total Mixing Fluid:	5.25 Gal/sk
		Top of Fluid:	0 ft
		Calculated Fill:	700 ft
		Volume:	71.42 bbl
		Calculated Sacks:	334.74 sks
		Proposed Sacks:	335 sks

Fluid 3: Water Spacer

Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	51.02 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water Ahead	8.4	3.0	20 bbl
2	Cement	Premium Plus V	15.6	3.0	335 sks
3	Spacer	Displacement	8.3	3.0	51.02 bbl

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Cost Estimate — *9 5/8" Surface*

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7521	CMT SURFACE CASING BOM	1		0.00	0.00	50.0%	0.00
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT"	80	MI	5.28	422.40	50.0%	211.20
	Number of Units	1					
2	MILEAGE FOR CEMENTING CREW,ZI	80	MI	3.11	248.80	50.0%	124.40
	Number of Units	1					
16091	ZI - PUMPING CHARGE	1	EA	2,879.00	2,879.00	50.0%	1,439.50
	DEPTH	700					
	FEET/METERS (FT/M)	FT					
	EQUIPMENT & SERVICES						
	SubTotal			**USD**	**3,550.20**	**50.0%**	**1,775.10**
201087	BA.QUIK-GEL - 50 LB BAG	4	BG	31.65	126.60	50.0%	63.30
100003684	PREMIUM PLUS V CEMENT	335	SK	21.04	7,048.40	50.0%	3,524.20
100005053	CALCIUM CHLORIDE	8	SK	146.50	1,172.00	50.0%	586.00
100005049	FLOCELE	84	LB	3.24	272.16	50.0%	136.08
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	40	MI	1.81	1,165.64	50.0%	582.82
	NUMBER OF TONS	16.1					
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI	350	CF	2.96	1,036.00	50.0%	518.00
	NUMBER OF EACH	1					
	MATERIALS						
	SubTotal			**USD**	**10,820.80**	**50.0%**	**5,410.40**
100003164	PLUG - CMTG - TOP PLASTIC - 9-5/8	1	EA	276.05	276.05	50.0%	138.02
100004728	SHOE,GID,9-5/8 8RD	1	EA	410.53	410.53	45.0%	225.79
100004823	CLR,FLOAT,9-5/8 8RD,29.3-40#/FT,2 3/4	1	EA	898.13	898.13	45.0%	493.97
100004629	COLLAR-STOP-9 5/8"-FRICTION-HINGED	1	EA	34.65	34.65	45.0%	19.06
100004485	CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	4	EA	114.00	456.00	45.0%	250.80
100005045	HALLIBURTON WELD-A KIT	2	EA	38.70	77.40	45.0%	42.57
	FLOAT EQUIPMENT						
	SubTotal			**USD**	**2,152.76**	**45.64%**	**1,170.21**
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	0.0%	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	0.0%	48.00
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI	80	MI	0.24	19.20	0.0%	19.20
	Number of Units	1					
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI	80	MI	0.08	6.40	0.0%	6.40
	Number of Units	1					
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM	40	MI	0.08	51.52	0.0%	51.52
	NUMBER OF TONS	16.1					
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	130.00	260.00	0.0%	260.00
	SURCHARGES						
	SubTotal			**USD**	**464.12**	**0.0%**	**464.12**
	Total			**USD**			**16,987.88**
	Discount			**USD**			**8,168.05**
	Discounted Total			**USD**			**8,819.83**

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Primary Plant:	Vernal, UT, USA	**Price Book Ref:**	01 Western US
Secondary Plant:	Vernal, UT, USA	**Price Date:**	1/1/2004

HALLIBURTON

Job Information — 7" Two Stage Intermediate

OU GB	5W-9-8-22
9 5/8" Surface	0 - 700 ft (MD)
	0 - 700 ft (TVD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55
8 3/4" Open Hole	700 - 10500 ft (MD)
	700 - 10500 ft (TVD)
Inner Diameter	8.750 in
Job Excess	25 %
7" Intermediate	0 - 10500 ft (MD)
	0 - 10500 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Multiple Stage Cementer	5000 ft (MD)
8 3/4" Open Hole	700 - 5000 ft (MD)
	700 - 5000 ft (TVD)
Inner Diameter	8.750 in
Job Excess	15 %
7" Intermediate	0 - 5000 ft (MD)
	0 - 5000 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80

Stage 1

Spacer:

650.00 ft * 0.1503 ft^3/ft * 15 %	= 112.37 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

325.00 ft * 0.1503 ft^3/ft * 15 %	= 56.19 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (4800.00 ft fill)

300.00 ft * 0.1503 ft^3/ft * 15 %	= 51.86 ft^3
4500.00 ft * 0.1503 ft^3/ft * 25 %	= 845.61 ft^3
Total First Stage Lead Cement	= 897.47 ft^3
	= 159.85 bbl
Sacks of Cement	= 233 sks

Cement : (1000.00 ft fill)

1000.00 ft * 0.1503 ft^3/ft * 25 %	= 187.91 ft^3
First Stage Tail Cement	= 187.91 ft^3
	= 33.47 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.2148 ft^3/ft	= 8.59 ft^3
	= 1.53 bbl
Tail plus shoe joint	= 196.51 ft^3
	= 35.00 bbl
Total Tail	= 153 sks

Total Pipe Capacity:

5000.00 ft * 0.2148 ft^3/ft	= 1074.15 ft^3
5500.00 ft * 0.2148 ft^3/ft	= 1181.56 ft^3
	= 401.76 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 401.76 bbl - 1.53 bbl
	= 400.23 bbl

Stage 2

Spacer:

Total Spacer	= 168.44 ft^3
	= 30.00 bbl

Cement : (4668.00 ft fill)

700.00 ft * 0.1668 ft^3/ft * 0 %	= 116.77 ft^3
3968.00 ft * 0.1503 ft^3/ft * 15 %	= 685.99 ft^3
Total Second Stage Lead Cement	= 802.75 ft^3
	= 142.98 bbl
Sacks of Cement	= 208 sks

Cement : (332.00 ft fill)

332.00 ft * 0.1503 ft^3/ft * 15 %	= 57.40 ft^3
Second Stage Tail Cement	= 57.40 ft^3
	= 10.22 bbl

Shoe Joint Volume: (0.00 ft fill)

0.00 ft * 0.2148 ft^3/ft	= 0.00 ft^3
	= 0.00 bbl
Tail plus shoe joint	= 57.40 ft^3
	= 10.22 bbl
Total Tail	= 50 sks

Total Pipe Capacity:

5000.00 ft * 0.2148 ft^3/ft	= 1074.15 ft^3
	= 191.31 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 191.31 bbl - 0.00 bbl
	= 191.31 bbl

Fluid Instructions

Stage 1

Fluid 1: Reactive Spacer

Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Water Spacer

Water Spacer

Fluid Density:	8.33 lbm/gal
Fluid Volume:	10 bbl

Fluid 3: First Stage Lead Cement

Halliburton Hi-Fill

Fluid Weight	11 lbm/gal
Slurry Yield:	3.86 ft^3/sk
Total Mixing Fluid:	23.36 Gal/sk
Top of Fluid:	4700 ft
Calculated Fill:	4800 ft
Volume:	159.85 bbl
Calculated Sacks:	232.57 sks
Proposed Sacks:	235 sks

Fluid 4: First Stage Tail Cement

Premium - AG

94 lbm/sk	Premium - AG (Cement-api)	
0.2 %	HR-5 (Retarder)	
0.2 %	Halad(R)-344 (Low Fluid Loss Control)	
0.25 lbm/sk	Flocele (Lost Circulation Additive)	

Fluid Weight	15 lbm/gal
Slurry Yield:	1.29 ft^3/sk
Total Mixing Fluid:	5.99 Gal/sk
Top of Fluid:	9500 ft
Calculated Fill:	1000 ft
Volume:	35.00 bbl
Calculated Sacks:	152.57 sks
Proposed Sacks:	155 sks

Fluid 5: Water Based Spacer

Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	400.23 bbl

Multiple Stage Cementer — 5000 ft (MD)

Stage 2

Fluid 1: Water Spacer

Water Ahead

Fluid Density:	8.33 lbm/gal
Fluid Volume:	30 bbl

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Fluid 2: Second Stage Lead Cement
Halliburton Hi-Fill

Fluid Weight	11 lbm/gal
Slurry Yield:	3.86 ft^3/sk
Total Mixing Fluid:	23.36 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	4668 ft
Volume:	142.98 bbl
Calculated Sacks:	208.02 sks
Proposed Sacks:	210 sks

Fluid 3: Second Stage Tail Cement
Premium - AG
94 lbm/sk Premium - AG (Cement-api)

Fluid Weight	15.80 lbm/gal
Slurry Yield:	1.15 ft^3/sk
Total Mixing Fluid:	4.99 Gal/sk
Top of Fluid:	4668 ft
Calculated Fill:	332 ft
Volume:	10.21 bbl
Calculated Sacks:	50 sks
Proposed Sacks:	50 sks

Fluid 4: Water Based Spacer
Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	191.31 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
Stage 1					
1	Spacer	Super Flush	9.2	5.0	20 bbl
2	Spacer	Water Spacer	8.3	5.0	10 bbl
3	Cement	Hi Fill	11.0	5.0	235 sks
4	Cement	Premium AG	15.0	5.0	155 sks
5	Spacer	Displacement	8.3	5.0	400.23 bbl
Stage 2					
1	Spacer	Water Ahead	8.3	5.0	30 bbl
2	Cement	Hi Fill	11.0	5.0	210 sks
3	Cement	Premium AG	15.8	5.0	50 sks
4	Spacer	Displacement	8.3	5.0	191.31 bbl

HALLIBURTON

Job Information — *4 1/2" Two Stage Production*

OU GB	5W-9-8-22
7" Intermediate	0 - 10500 ft (MD)
	0 - 10500 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Job Excess	15 %
6 1/8" Open Hole	10500 - 13100 ft (MD)
	10500 - 13100 ft (TVD)
Inner Diameter	6.125 in
Job Excess	25 %
4 1/2" Production	0 - 13100 ft (MD)
	0 - 13100 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Multiple Stage Cementer	9500 ft (MD)
4 1/2" Production	0 - 9500 ft (MD)
	0 - 9500 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110

Stage 1

Spacer:

935.00 ft * 0.1044 ft^3/ft * 15 %	= 112.24 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

468.00 ft * 0.1044 ft^3/ft * 15 %	= 56.18 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (3900.00 ft fill)

300.00 ft * 0.1044 ft^3/ft * 15 %	= 36.01 ft^3
1000.00 ft * 0.1044 ft^3/ft * 15 %	= 120.04 ft^3
2600.00 ft * 0.0942 ft^3/ft * 25 %	= 306.05 ft^3
First Stage Tail Cement	= 462.10 ft^3
	= 82.30 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.0838 ft^3/ft	= 3.35 ft^3
	= 0.60 bbl
Tail plus shoe joint	= 465.45 ft^3
	= 82.90 bbl
Total Tail	= 383 sks

Total Pipe Capacity:

9500.00 ft * 0.0838 ft^3/ft	= 796.20 ft^3
3600.00 ft * 0.0838 ft^3/ft	= 301.72 ft^3
	= 195.55 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 195.55 bbl - 0.60 bbl
	= 194.95 bbl

Stage 2

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (9022.00 ft fill)

9022.00 ft * 0.1044 ft^3/ft * 15 %	= 1083.00 ft^3
Total Second Stage Lead Cement	= 1083.00 ft^3
	= 192.89 bbl
Sacks of Cement	= 281 sks

Cement : (478.00 ft fill)

478.00 ft * 0.1044 ft^3/ft * 15 %	= 57.38 ft^3
Second Stage Tail Cement	= 57.38 ft^3
	= 10.22 bbl

Shoe Joint Volume: (0.00 ft fill)

0.00 ft * 0.0838 ft^3/ft	= 0.00 ft^3
	= 0.00 bbl
Tail plus shoe joint	= 57.38 ft^3
	= 10.22 bbl
Total Tail	= 50 sks

Total Pipe Capacity:

9500.00 ft * 0.0838 ft^3/ft	= 796.20 ft^3
	= 141.81 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 141.81 bbl - 0.00 bbl
	= 141.81 bbl

Fluid Instructions

Stage 1

Fluid 1: Reactive Spacer

Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Water Spacer

Water Spacer

Fluid Density:	8.33 lbm/gal
Fluid Volume:	10 bbl

Fluid 3: First Stage Tail Cement

50/50 Poz Premium AG

2 % Total	Bentonite (Light Weight Additive)	Fluid Weight	14.35 lbm/gal
0.4 %	Halad(R)-344 (Low Fluid Loss Control)	Slurry Yield:	1.22 ft^3/sk
0.2 %	Super CBL (Expander)	Total Mixing Fluid:	5.28 Gal/sk
2 %	Microbond (Expander)	Top of Fluid:	9200 ft
0.2 %	HR-5 (Retarder)	Calculated Fill:	3900 ft
0.25 lbm/sk	Flocele (Lost Circulation Additive)	Volume:	82.90 bbl
		Calculated Sacks:	383.09 sks
		Proposed Sacks:	385 sks

Fluid 4: Water Based Spacer

Displacement

Fluid Density:	8.30 lbm/gal
Fluid Volume:	194.95 bbl

Multiple Stage Cementer — 9500 ft (MD)

Stage 2

Fluid 1: Water Spacer

Water Ahead

Fluid Density:	8.30 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Second Stage Lead Cement

Halliburton Hi-Fill

Fluid Weight	11 lbm/gal
Slurry Yield:	3.86 ft^3/sk
Total Mixing Fluid:	23.36 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	9022 ft
Volume:	192.89 bbl
Calculated Sacks:	280.64 sks
Proposed Sacks:	285 sks

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Fluid 3: Second Stage Tail Cement

Premium - AG

94 lbm/sk	Premium - AG (Cement-api)	Fluid Weight	15.80 lbm/gal
0.1 %	HR-5 (Retarder)	Slurry Yield:	1.15 ft^3/sk
		Total Mixing Fluid:	4.98 Gal/sk
		Top of Fluid:	9022 ft
		Calculated Fill:	478 ft
		Volume:	10.21 bbl
		Calculated Sacks:	50 sks
		Proposed Sacks:	50 sks

Fluid 4: Water Based Spacer

Displacement

Fluid Density:	8.30 lbm/gal
Fluid Volume:	141.81 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
Stage 1					
1	Spacer	Super Flush	9.2	5.0	20 bbl
2	Spacer	Water Spacer	8.3	5.0	10 bbl
3	Cement	50/50 Poz	14.4	5.0	385 sks
4	Spacer	Displacement	8.3	5.0	194.95 bbl
Stage 2					
1	Spacer	Water Ahead	8.3	5.0	20 bbl
2	Cement	Hi Fill	11.0	5.0	285 sks
3	Cement	Premium AG	15.8	5.0	50 sks
4	Spacer	Displacement	8.3	5.0	141.81 bbl

Conditions

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2nd or 3rd call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.
Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.
If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

012

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc. Operator Account Number: N 2460

Address: 11002 East 17500 South

city Vernal

state UT zip 84078 Phone Number: (435) 781-4342

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734753	OU GB 5W 9 8 22		SWNW	9	8	22	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	13545	14447	12/4/2004			12/20/04	K
Comments: Going from Wasatch/Mesa Verde to Mancos 'B' CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Dahn F. Caldwell
Name (Please Print)

Signature

Clerk Specialist
Title

12/17/2004
Date

(5/2000)

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RECEIVED
DEC 20 2004
DIV. OF OIL, GAS & MINING

Form 3160-5
(June 1990)

013

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   Oil Well [ ] Gas Well [X] Other [ ]

2. Name of Operator
   QEP Uinta Basin Inc.

3. Address and Telephone No.
   11002 E. 17500 S. VERNAL, UT 84078-8526 **(435) 781-4331**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   SWNW LOT 2 1980'FNL 827' FWL SECTION 9, T8S, R22E

5. Lease Designation and Serial No.
   UTU-74494

6. If Indian, Allottee or Tribe Name
   N/A

7. If Unit or CA, Agreement Designation
   WHITE RIVER

8. Well Name and No.
   GB 5M-9-8-22

9. API Well No.
   43-047-34753

10. Field and Pool, or Exploratory Area
    WHITE RIVER

11. County or Parish, State
    UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin Inc., proposes to revise the 8 point drilling program on the GB 5M-9-8-22.

Please see attached revisions.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JAN 2 4 2005

14. I hereby certify that the foregoing is true and correct
Signed **Jan Nelson** Title **Regulatory Affairs Analyst** **12-13-05**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

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GB 5M-9-8-22 Sundry Notice Info:
QEP Uinta Basin, Inc.
Lease: UTU-74494

QEP Uinta Basin, Inc proposes the following revisions to the 8-pt Drilling Program:

3. Operator's Specification for Pressure Control Equipment:

A. *Shall be changed to the following*:

1. Prior to drilling below surface casing – equipment & test plan (700' to 10,500')

13-5/8" – 5,000 psi double gate with blind rams and 5" pipe rams.
13-5/8" – 5,000 psi annular preventer.
(See attached diagram)

Note: the above BOP system is the minimum for this section of hole, Questar may utilize a 10,000psi stack, if the rig is so equipped, and test it to 5,000psi requirements for this section of hole.

Test pressures are as follows:

1. BOP: 5,000 psi (High) 250 psi (Low) – 10 min each
2. Annular Preventer: 2,500 psi (High) 250 psi (Low) – 10 min each
3. Choke Manifold & Lines: 5,000 psi (High) 250 psi (Low) – 10 min each
4. Casing: 1,500 psi – 30 min
5. Formation Integrity Test: Drill out of surface casing 10' and test to a 10.0 ppg mud equivalent.

Notify the BLM and/or State offices prior to pressure testing, as required by the permit.

2. Prior to drilling below intermediate casing – equipt & test plan (10,500' to 13,100')

13-5/8" – 10,000 psi double gate with blind rams and 3-1/2" pipe rams.
13-5/8" – 10,000 psi single gate preventer w/ 3-1/2" pipe rams
13-5/8" – 5,000 psi annular preventer.
(See attached diagram)

Test pressures are as follows:
1. BOP: 10,000 psi (High) 250 psi (Low) – 10 min each
2. Annular Preventer: 2,500 psi (High) 250 psi (Low) – 10 min each
3. Choke Manifold & Lines: 10,000 psi (High) 250 psi (Low) – 10 min
4. Casing: 2,310 psi – 30 min
5. Formation Integrity Test: Drill out of intermediate casing 10' and test to a 13.5 ppg mud equivalent.

Notify the BLM and/or State office prior to pressure testing, as required by the permit.

B. Function test pipe rams & blind ram on trips and annular once per week.

C. All casing strings below conductor shall be tested to 0.22 psi/ft or 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. BOP equipment will be tested when initially installed, whenever any seal subject to test pressure is broken, following related repairs and at 30 day intervals.

D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by a test plug or to 70% of the internal yield pressure of the casing if the BOP stack is not isolated from the casing. Annular preventers shall be tested to 50% of the rated working pressure.

BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment testing, procedures, etc...., for the appropriate 5M or 10M approved systems. Individual components will be operable as designed.

4. Casing program change:

The 7" casing program will be changed to allow for greater collapse integrity. Listed below in yellow high lighter are the changes to improve the casing integrity for 7".

Present design

Casing Strengths:				Setting Depth, ft	Collapse	Burst	Tensile (minimum)
7"	26 lb.	N-80	LTC	10,500'	5410 psi	7240 psi	519,000 lb.

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
BURST: 1.10
TENSION: 1.80

Revised Casing Design

Casing Strengths:				Setting Depth, ft	Collapse	Burst	Tensile (minimum)
7" *	**26 lb.**	**HCP-110**	LT&C	10,500'	**7800 psi**	**9950 psi**	**693,000 lb.**

5. Shall be revised as follows:

It is anticipated that a float will be run at the bit.

6. Shall be revised to include the following:

Maximum mud weight anticipated at TD will be 13.5 ppg.

Sufficient mud materials to maintain mud properties, control lost circulation and to control the well will be available at the well site.

It is anticipated that the mud logger and gas detection equipment will be rigged up from 2,200' to TD.

Sidewall cores may be run in conjunction with the open-hole logs at TD.

7. Shall be revised as follows:

See attached revised program and calculations (Halliburton 01/07/05 Ver 3):

Cementing Summary:
- The intermediate casing cement job will attempt to circulate cement to surface.
- The production casing will be cemented back to 5,500'+/- (approx 500' above the Wasatch formation).
- Actual cement volumes will be calculated off caliper logs.

7" Intermediate: (see pages 3-6 of attached cementing program)

Surface to 700'	14.6 ppg Cl-G cap / top out cement.
700' to 5,500'	9.5 ppg foamed cement*.
5,500' to 10,000'	10.5 ppg foamed cement*.
10,000' to 10,500'	14.35 ppg Cl-G cement at shoe.

*Note: The cement phase will be 14.35 ppg 50/50 poz.

4 ½" Production: Two systems are being considered depending on hole conditions at TD.

I. (see pages 9-12 for a foamed cement proposal if mud wt. at TD is less than 11.5 ppg or there are lost circ zones).

5,500' to TD	11.5 ppg foamed cement

II. (see pages 15-18 for a conventional cement proposal if mud weight at TD is greater than 11.5 ppg).

5,500' to TD	13.5 ppg Cl-G cement

8. *Shall be revised to include the following:*

The Blackhawk and Mancos sections may be pressured to a 11.0 ppg to 13.5 ppg. Maximum BHP < 9000 psi.

BHT = 190° F at intermediate casing and 230° F at TD.

Questar Exploration And Production
Suite 500, 1050 17th St
Denver, Colorado 80265

Glen Bench 5M-9-8-22
Glen Bench
Uintah County, Utah
United States of America

Multiple String Cement Recommendation

Prepared for: Mr. John Owen
January 7, 2005
Version: 3

Submitted by:
Rory Cook
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

HALLIBURTON

Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____
Aaron James
Technical Advisor

Submitted by: _____
Rory Cook
Franchise Leader

SERVICE CENTER:	Vernal, Utah
SERVICE COORDINATOR:	Dale Harrold
OPER. ENGINEER:	Richard Curtice
FSQC:	Richard McDonald
CMT ENGINEERS:	Dean Smith
	Kyle Scott
PHONE NUMBER:	(800) 874-2550

Job Information — Foam Cement Intermediate Casing

Wonsits Valley	14W-11-8-21
9 5/8" Surface	0 - 700 ft (MD)
	0 - 700 ft (TVD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55
Job Excess	0 %
8 3/4" Open Hole	700 - 10500 ft (MD)
	700 - 10500 ft (TVD)
Inner Diameter	8.750 in
Job Excess	25 %
7" Intermediate	0 - 10500 ft (MD)
	0 - 10500 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Job Excess	0 %
Mud Type	Water Based Mud
Mud Weight	10 lbm/gal

Spacer:

Total Spacer	= 168.44 ft^3
	= 30.00 bbl

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (5500.00 ft fill)

700.00 ft * 0.1668 ft^3/ft * 0 %	= 116.77 ft^3
4800.00 ft * 0.1503 ft^3/ft * 25 %	= 901.98 ft^3
Total Lead Cement	= 1018.75 ft^3
	= 181.45 bbl
Sacks of Cement	= 447 sks

Cement : (4500.00 ft fill)

4500.00 ft * 0.1503 ft^3/ft * 25 %	= 845.61 ft^3
Total Tail Cement	= 845.61 ft^3
	= 150.61 bbl
Sacks of Cement	= 397 sks

Cement : (500.00 ft fill)

500.00 ft * 0.1503 ft^3/ft * 25 %	= 93.96 ft^3
Shoe Slurry	= 93.96 ft^3
	= 16.73 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.2148 ft^3/ft	= 8.59 ft^3
	= 1.53 bbl
Tail plus shoe joint	= 102.55 ft^3
	= 18.26 bbl
Total Tail	= 70 sks

Total Pipe Capacity:

10500.00 ft * 0.2148 ft^3/ft	= 2255.71 ft^3
	= 401.76 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 401.76 bbl - 1.53 bbl
	= 400.23 bbl

Fluid Instructions

Fluid 1: Water Spacer
Water Ahead

Fluid Density:	8.33 lbm/gal
Fluid Volume:	30 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Water Spacer

Fluid Density:	8.33 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Lead Cement
50/50 Poz Premium (no Gel)

		Foamed Fluid Weight	9.50 lbm/gal
		Fluid Weight	14.35 lbm/gal
47 lbm/sk	Premium Cement (Cement)	Slurry Yield:	1.46 ft^3/sk
35.25 lbm/sk	Pozmix A (Light Weight Additive)	Total Mixing Fluid:	6.30 Gal/sk
20 %	SSA-1 (Additive Material)	Top of Fluid:	0 ft
0.1 %	Versaset (Thixotropic Additive)	Calculated Fill:	5500 ft
5 lbm/sk	Silicalite Compacted (Light Weight Additive)	Volume:	181.45 bbl
0.2 %	Diacel LWL (Low Fluid Loss Control)	Calculated Sacks:	447.35 sks
1.5 %	Zonesealant 2000 (Foamer)	Proposed Sacks:	450 sks

Fluid 5: Tail Cement
50/50 Poz Premium (no Gel)

		Foamed Fluid Weight	10.50 lbm/gal
		Fluid Weight	14.35 lbm/gal
47 lbm/sk	Premium Cement (Cement)	Slurry Yield:	1.46 ft^3/sk
35.25 lbm/sk	Pozmix A (Light Weight Additive)	Total Mixing Fluid:	6.30 Gal/sk
20 %	SSA-1 (Additive Material)	Top of Fluid:	5500 ft
0.1 %	Versaset (Thixotropic Additive)	Calculated Fill:	4500 ft
5 lbm/sk	Silicalite Compacted (Light Weight Additive)	Volume:	150.61 bbl
0.2 %	Diacel LWL (Low Fluid Loss Control)	Calculated Sacks:	396.78 sks
1.5 %	Zonesealant 2000 (Foamer)	Proposed Sacks:	400 sks

Fluid 6: Shoe Slurry
50/50 Poz Premium (no Gel)

		Fluid Weight	14.35 lbm/gal
47 lbm/sk	Premium Cement (Cement)	Slurry Yield:	1.46 ft^3/sk
35.25 lbm/sk	Pozmix A (Light Weight Additive)	Total Mixing Fluid:	6.30 Gal/sk
20 %	SSA-1 (Additive Material)	Top of Fluid:	10000 ft
0.1 %	Versaset (Thixotropic Additive)	Calculated Fill:	500 ft
5 lbm/sk	Silicalite Compacted (Light Weight Additive)	Volume:	18.26 bbl
0.2 %	Diacel LWL (Low Fluid Loss Control)	Calculated Sacks:	70.38 sks
		Proposed Sacks:	80 sks

Fluid 7: Water Based Spacer
Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume:	400.23 bbl

Fluid 8: Top Out Cement
Premium Cement

		Fluid Weight	14.60 lbm/gal
94 lbm/sk	Premium Cement (Cement)	Slurry Yield:	1.55 ft^3/sk
3 %	Calcium Chloride (Accelerator)	Total Mixing Fluid:	7.35 Gal/sk
12 %	Cal-Seal 60 (Accelerator)	Proposed Sacks:	75 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	30 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Water Spacer	8.3	5.0	10 bbl
4	Cement	Lead 50/50/0 Foam Cement	14.4		450 sks
5	Cement	Tail 50/50/0 Foam Cement	14.4		400 sks
6	Cement	Shoe 50/50/0 Cement	14.4		80 sks
7	Spacer	Displacement	8.3	5.0	400.23 bbl
8	Cement	Cap Cement	14.6		75 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	Lead 50/50/0 Foam Cement	116.09bbl	9.5	9.5	12.2	568.5
5	Tail 50/50/0 Foam Cement	102.97bbl	10.5	10.5	401.2	743.8

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 50 psig
Bottom Hole Circulating Temp: 130 degF
Mud Outlet Temperature: 100 degF

Calculated Gas = 92198.0 scf
Additional Gas = 20000 scf
Total Gas = 112198.0 scf

Cost Estimate — Foam Cement Intermediate Casing

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7522	CMT INTERMEDIATE CASING BOM	1		0.00	0.00
2	MILEAGE FOR CEMENTING CREW,ZI	80	MI	497.60	248.80
	Number of Units	2			
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT"	80	MI	844.80	422.40
	Number of Units	2			
16091	ZI - PUMPING CHARGE	1	EA	8,308.00	4,154.00
	DEPTH	10500			
	FEET/METERS (FT/M)	FT			
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	962.00	481.00
	NUMBER OF DAYS	1			
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	1,327.00	663.50
	NUMBER OF UNITS	1			
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB	749.00	374.50
	NUMBER OF UNITS	1			
90	ZI QUICK LATCH ATTACHMENT	1	JOB	286.00	143.00
	SIZE IN INCHES/MILLIMETER	7			
	INCHES/MILLIMETERS (IN/MM)	IN			
74038	ZI PLUG CONTAINER RENTAL-1ST DAY	1	EA	770.00	385.00
	DAYS OR FRACTION (MIN1)	1			
11941	"FIELD STORAGE BIN DELIVERY, ZI"	80	MI	422.40	211.20
	Number of Units	1			
16115	FIELD STORAGE BIN ON SITE >8 HRS,DAY,ZI	1	EA	383.00	191.50
	DAYS OR PARTIAL DAY(WHOLE NO.)	1			
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI	80	MI	19.20	19.20
	Number of Units	3			
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI	80	MI	57.60	57.60
	Number of Units	3			
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM	40	MI	167.65	167.65
	NUMBER OF TONS	52.39			
372867	Cmt PSL - DOT Vehicle Charge, CMT	6	EA	780.00	780.00
	Nitrogen Charges				
13459	Nitrogen Charge	144589	SCF	4,482.26	2,241.13
3567	MILEAGE FOR NITROGEN EQUIPMENT	80	MI	422.40	211.20
	Number of Units	1			
3587	N2 CREW MILEAGE	80	MI	248.80	124.40
	Number of Units	1			
3564	N2 FOAM GENERATOR, PER JOB.	1	EA	693.00	346.50
	NUMBER OF JOBS	1			
130443	ZONESEAL CERTIFIED SPECIALIST H/DAY/MO	8	H	1,384.00	692.00
	TOTAL NUMBER	1			
	HR/DAY/WEEK/MTH/YEAR/JOB/RUN				
17461	ZONESEAL EQUIP ON SITE,/DAY,ZI	1	EA	1,945.65	972.82
	DAYS OR PARTIAL DAY(WHOLE NO.)	1			
14780	ZONESEAL ISOLATION PROCESS, ZI	1	FT	18,972.00	9,486.00
	DEPTH	10500			
	FEET/METERS (FT/M)	FT			

HALLIBURTON

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
3589	PUMPING CHG LOW RATE NITROGEN PUMPING PRESSURE PRESSURE UNITS (PSI/MPA/BAR)	1 5000 PSI	EA	1,838.00	919.00
3565	AUTO NITROGEN PUMPING, PER JOB NUMBER OF JOBS	1 1	EA	4,712.00	2,356.00
3570	NITROGEN FLOW METER, EACH, PER DAY NUMBER OF DAYS	1 1	EA	938.00	469.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00
	Cement Materials				
100003639	SUPER FLUSH	20	SK	3,520.00	1,760.00
12302	50-50 POZ (PREMIUM)	930	SK	N/C	N/C
100003685	PREMIUM - CLASS G	465	SK	9,783.60	4,891.80
100003690	POZMIX A	32783	LB	4,258.51	2,129.25
100003691	SSA-1 - 200 MESH	15299	LB	5,507.64	2,753.82
100007865	VERSASET	77	LB	544.39	272.19
100012223	SILICALITE COMPACTED	4650	LB	7,951.50	3,975.75
100001612	DIACEL LWL	153	LB	3,205.35	1,602.67
101207218	ZONESEALANT 2000	81	GAL	8,262.00	4,131.00
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN NUMBER OF TONS	40 52.39	MI	3,793.04	1,896.52
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI NUMBER OF EACH	1345 1	CF	3,981.20	1,990.60
	CAP CEMENT				
100003685	PREMIUM - CLASS G	75	SK	1,578.00	789.00
100005051	CAL-SEAL 60	9	SK	585.99	292.99
100005053	CALCIUM CHLORIDE	3	SK	439.50	219.75
	Total		**USD**		**104,796.08**
	Discount		**USD**		**51,798.34**
	Discounted Total		**USD**		**52,997.74**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Casing Hardware

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7522	CMT INTERMEDIATE CASING BOM	1		0.00	0.00
	7" Casing Hardware				
100004908	SHOE,FLT,7 8RD,2-3/4 SS II VLV	1	EA	501.89	276.04
100004781	COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4	1	EA	619.35	340.64
100004480	CENTRALIZER-7"-CSG-8-1/2"-HINGED	25	EA	2,213.25	1,217.29
100005045	HALLIBURTON WELD-A KIT	2	EA	77.40	42.57
100004626	CLAMP - LIMIT - 7 - HINGED -	1	EA	28.88	15.88
100003161	PLUG - CMTG - TOP PLASTIC - 7 IN.	1	EA	175.56	96.56
100003183	PLUG - CMTG - BOTTOM PLASTIC - 7	1	EA	175.56	96.56
	Total		**USD**		**3,791.89**
	Discount		**USD**		**1,706.35**
	Discounted Total		**USD**		**2,085.54**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Wonsits Valley	14W-11-8-21
7" Intermediate	0 - 10500 ft (MD)
	0 - 10500 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Job Excess	15 %
6 1/8" Open Hole	10500 - 13100 ft (MD)
	10500 - 13100 ft (TVD)
Inner Diameter	6.125 in
Job Excess	25 %
4 1/2" Production	0 - 13100 ft (MD)
	0 - 13100 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	HCP-110
Job Excess	0 %
Mud Type	Water Based Mud
Mud Weight	11 lbm/gal

Spacer:

935.00 ft * 0.1044 ft^3/ft * 15 %	= 112.24 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

935.00 ft * 0.1044 ft^3/ft * 15 %	= 112.24 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

468.00 ft * 0.1044 ft^3/ft * 15 %	= 56.18 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (7600.00 ft fill)

5000.00 ft * 0.1044 ft^3/ft * 15 %	= 600.20 ft^3
2600.00 ft * 0.0942 ft^3/ft * 25 %	= 306.05 ft^3
Primary Cement	= 906.25 ft^3
	= 161.41 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.0838 ft^3/ft	= 3.35 ft^3
	= 0.60 bbl
Tail plus shoe joint	= 909.60 ft^3
	= 162.01 bbl
Total Tail	= 474 sks

Total Pipe Capacity:

13100.00 ft * 0.0838 ft^3/ft	= 1097.92 ft^3
	= 195.55 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 195.55 bbl - 0.60 bbl
	= 194.95 bbl

Fluid Instructions

Fluid 1: Water Spacer
Water Ahead

Fluid Density:	8.30 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Water Spacer

Fluid Density:	8.33 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Primary Cement
50/50 Poz Premium (no Gel)

47 lbm/sk	Premium Cement (Cement)	Foamed Fluid Weight	11.5 lbm/gal
35.25 lbm/sk	Pozmix A (Light Weight Additive)	Fluid Weight	14.35 lbm/gal
20 %	SSA-1 (Additive Material)	Slurry Yield:	1.46 ft^3/sk
0.2 %	Versaset (Thixotropic Additive)	Total Mixing Fluid:	6.30 Gal/sk
5 lbm/sk	Silicalite Compacted (Light Weight Additive)	Top of Fluid:	5500 ft
0.3 %	Diacel LWL (Low Fluid Loss Control)	Calculated Fill:	7600 ft
1.5 %	Zonesealant 2000 (Foamer)	Volume:	162.01 bbl
		Calculated Sacks:	473.78 sks
		Proposed Sacks:	480 sks

Fluid 5: Water Based Spacer
Displacement

Fluid Density:	8.30 lbm/gal
Fluid Volume:	194.95 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	20 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Water Spacer	8.3	5.0	10 bbl
4	Cement	Primary 50/50/0 Foam Cement	14.4	5.0	480 sks
5	Spacer	Displacement	8.3	5.0	194.95 bbl

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	Primary 50/50/0 Foam Cement	122.52bbl	11.5	11.5	265.5	634.1

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 14.70 psig
Bottom Hole Circulating Temp: 160 degF
Mud Outlet Temperature: 120 degF

Calculated Gas = 55916.7 scf
Additional Gas = 20000 scf
Total Gas = 75916.7 scf

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7523	CMT PRODUCTION CASING BOM	1		0.00	0.00
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 2	MI	497.60	248.80
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 2	MI	844.80	422.40
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 13100 FT	EA	15,243.00	7,621.50
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	481.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,327.00	663.50
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI NUMBER OF UNITS	1 1	JOB	749.00	374.50
90	ZI QUICK LATCH ATTACHMENT SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1 4.5 IN	JOB	286.00	143.00
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1 1	EA	770.00	385.00
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 3	MI	19.20	19.20
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 3	MI	57.60	57.60
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 24.99	MI	79.97	79.97
372867	Cmt PSL - DOT Vehicle Charge, CMT	5	EA	650.00	650.00
	Nitrogen Charges				
13459	Nitrogen Charge	99500	SCF	3,084.50	1,542.25
3587	N2 CREW MILEAGE Number of Units	80 1	MI	248.80	124.40
3567	MILEAGE FOR NITROGEN EQUIPMENT Number of Units	80 1	MI	422.40	211.20
3564	N2 FOAM GENERATOR, PER JOB. NUMBER OF JOBS	1 1	EA	693.00	346.50
130443	ZONESEAL CERTIFIED SPECIALIST H/DAY/MO TOTAL NUMBER HR/DAY/WEEK/MTH/YEAR/JOB/RUN	8 1	H	1,384.00	692.00
17461	ZONESEAL EQUIP ON SITE,/DAY,ZI DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA	1,945.65	972.82
14780	ZONESEAL ISOLATION PROCESS, ZI DEPTH FEET/METERS (FT/M)	1 13100 FT	FT	18,972.00	9,486.00
3589	PUMPING CHG LOW RATE NITROGEN PUMPING PRESSURE PRESSURE UNITS (PSI/MPA/BAR)	1 5000 PSI	EA	1,838.00	919.00
3565	AUTO NITROGEN PUMPING, PER JOB NUMBER OF JOBS	1 1	EA	4,712.00	2,356.00

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
3570	NITROGEN FLOW METER, EACH, PER DAY NUMBER OF DAYS	1 1	EA	938.00	469.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00
	Cement Materials				
100003639	SUPER FLUSH	20	SK	3,520.00	1,760.00
100003685	PREMIUM - CLASS G	240	SK	5,049.60	2,524.80
100003690	POZMIX A	16920	LB	2,197.91	1,098.95
100003691	SSA-1 - 200 MESH	7896	LB	2,842.56	1,421.28
100007865	VERSASET	79	LB	558.53	279.26
100012223	SILICALITE COMPACTED	2400	LB	4,104.00	2,052.00
100001612	DIACEL LWL	119	LB	2,493.05	1,246.52
101207218	ZONESEALANT 2000	46	GAL	4,692.00	2,346.00
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN NUMBER OF TONS	40 24.99	MI	1,809.28	904.64
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI NUMBER OF EACH	650 1	CF	1,924.00	962.00
	Total		**USD**		**85,090.45**
	Discount		**USD**		**42,054.36**
	Discounted Total		**USD**		**43,036.09**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Casing Equipment

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7523	CMT PRODUCTION CASING BOM	1		0.00	0.00
	4 1/2" Casing Equipment				
100004879	SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER	1	EA	346.46	190.55
100004752	COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT -	1	EA	404.60	222.53
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X	40	EA	2,765.20	1,520.86
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	24.26	13.34
100005045	HALLIBURTON WELD-A KIT	1	EA	38.70	21.28
100003139	PLUG - CMTG - TOP PLASTIC - 4-1/2	1	EA	113.19	62.25
100003139	PLUG - CMTG - BTM PLASTIC - 4-1/2	1	EA	113.19	62.25
	Total		**USD**		**3,805.60**
	Discount		**USD**		**1,712.54**
	Discounted Total		**USD**		**2,093.06**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Job Information — 4 1/2" Conventional Production Casing

Wonsits Valley	14W-11-8-21
7" Intermediate	0 - 10500 ft (MD)
	0 - 10500 ft (TVD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80
Job Excess	15 %
6 1/8" Open Hole	10500 - 13100 ft (MD)
	10500 - 13100 ft (TVD)
Inner Diameter	6.125 in
Job Excess	25 %
4 1/2" Production	0 - 13100 ft (MD)
	0 - 13100 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Job Excess	0 %
Mud Type	Water Based Mud
Mud Weight	13 lbm/gal

Spacer:

935.00 ft * 0.1044 ft^3/ft * 15 %	= 112.24 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

935.00 ft * 0.1044 ft^3/ft * 15 %	= 112.24 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

468.00 ft * 0.1044 ft^3/ft * 15 %	= 56.18 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (7600.00 ft fill)

5000.00 ft * 0.1044 ft^3/ft * 15 %	= 600.20 ft^3
2600.00 ft * 0.0942 ft^3/ft * 25 %	= 306.05 ft^3
Primary Cement	= 906.25 ft^3
	= 161.41 bbl

Shoe Joint Volume: (40.00 ft fill)

40.00 ft * 0.0838 ft^3/ft	= 3.35 ft^3
	= 0.60 bbl
Tail plus shoe joint	= 909.60 ft^3
	= 162.01 bbl
Total Tail	= 527 sks

Total Pipe Capacity:

13100.00 ft * 0.0838 ft^3/ft	= 1097.92 ft^3
	= 195.55 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 195.55 bbl - 0.60 bbl
	= 194.95 bbl

Fluid Instructions

Fluid 1: Water Based Spacer
Water Spacer

Fluid Density:	8.34 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Water Based Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Based Spacer
Water Spacer

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Primary Cement
50/50 Poz Premium (2% Gel)

0.4 %	Halad(R)-344 (Low Fluid Loss Control)	Fluid Weight	13.50 lbm/gal
0.1 %	HR-12 (Retarder)	Slurry Yield:	1.73 ft^3/sk
0.2 %	CFR-3 (Dispersant)	Total Mixing Fluid:	8.17 Gal/sk
5 lbm/sk	Silicalite Compacted (Light Weight Additive)	Top of Fluid:	5500 ft
20 %	SSA-1 (Cement Material)	Calculated Fill:	7600 ft
0.25 lbm/sk	Flocele (Lost Circulation Additive)	Volume:	162.01 bbl
		Calculated Sacks:	527.31 sks
		Proposed Sacks:	530 sks

Fluid 5: Mud
Water Displacement

Fluid Density:	8.33 lbm/gal
Fluid Volume	194.95 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Spacer	8.3		20 bbl
2	Spacer	Super Flush	9.2		20 bbl
3	Spacer	Water Spacer	8.3		10 bbl
4	Cement	Primary 50/50/2 Cement	13.5		530 sks
5	Mud	Water Displacement	8.3		194.95 bbl

Cost Estimate — 4 1/2" Conventional Production Casing

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7523	CMT PRODUCTION CASING BOM	1		0.00	0.00
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	248.80	124.40
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" Number of Units	80 1	MI	422.40	211.20
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 13100 FT	EA	15,243.00	7,621.50
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	481.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	1,327.00	663.50
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI NUMBER OF UNITS	1 1	JOB	749.00	374.50
90	ZI QUICK LATCH ATTACHMENT SIZE IN INCHES/MILLIMETER INCHES/MILLIMETERS (IN/MM)	1 4.5 IN	JOB	286.00	143.00
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1 1	EA	770.00	385.00
11941	"FIELD STORAGE BIN DELIVERY, ZI" Number of Units	80 1	MI	422.40	211.20
16115	FIELD STORAGE BIN ON SITE >8 HRS,DAY,ZI DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA	383.00	191.50
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00
86954	FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	80 1	MI	6.40	6.40
86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	80 1	MI	19.20	19.20
87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	40 28.14	MI	90.05	90.05
372867	Cmt PSL - DOT Vehicle Charge, CMT	4	EA	520.00	520.00
	Cement Materials				
100003639	SUPER FLUSH	20	SK	3,520.00	1,760.00
12302	50-50 POZ (PREMIUM)	530	SK	9,047.10	4,523.55
100003670	HALAD(R)-344	175	LB	8,020.25	4,010.12
100005057	HR-12	44	LB	257.40	128.70
100003653	CFR-3 W/O DEFOAMER	88	LB	754.16	377.08
100012223	SILICALITE COMPACTED	2650	LB	4,531.50	2,265.75
100003691	SSA-1 - 200 MESH	8719	LB	3,138.84	1,569.42
100005049	FLOCELE	133	LB	430.92	215.46
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN NUMBER OF TONS	40 28.14	MI	2,037.34	1,018.67

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI NUMBER OF EACH	756 1	CF	2,237.76	1,118.88
	Total		**USD**		**55,551.52**
	Discount		**USD**		**27,394.44**
	Discounted Total		**USD**		**28,157.08**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Casing Equipment

Mtrl Nbr	Description	Qty	U/M	Gross Amt	Net Amt
7523	CMT PRODUCTION CASING BOM	1		0.00	0.00
	4 1/2" Casing Equipment				
100004879	SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER	1	EA	346.46	190.55
100004752	COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT -	1	EA	404.60	222.53
100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X	40	EA	2,765.20	1,520.86
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	24.26	13.34
100005045	HALLIBURTON WELD-A KIT	1	EA	38.70	21.28
100003139	PLUG - CMTG - TOP PLASTIC - 4-1/2	1	EA	113.19	62.25
100003139	PLUG - CMTG - BTM PLASTIC - 4-1/2	1	EA	113.19	62.25
	Total		**USD**		**3,805.60**
	Discount		**USD**		**1,712.54**
	Discounted Total		**USD**		**2,093.06**

Price Book Ref: 01 Western US
Price Date: 1/1/2004

Conditions

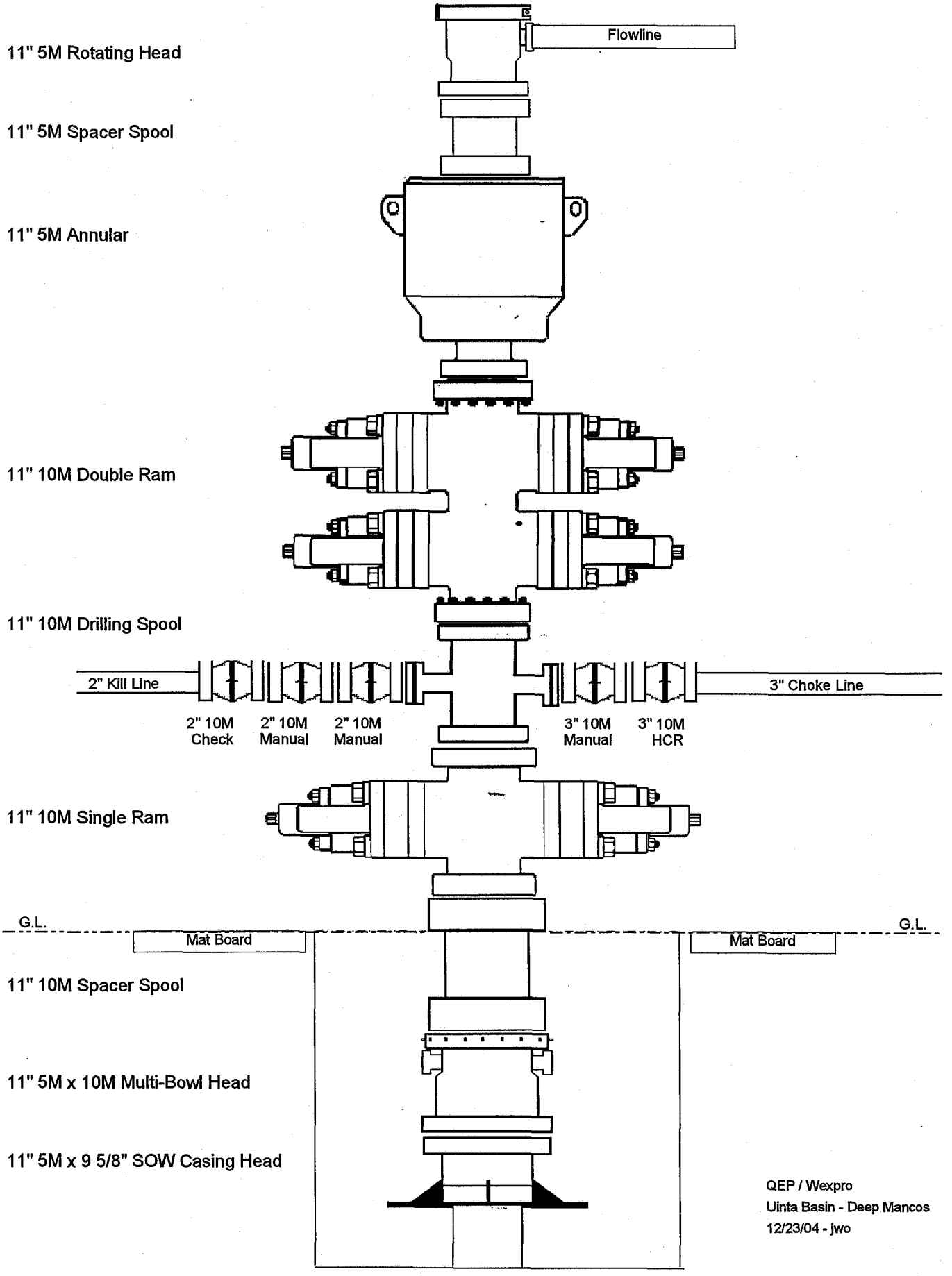
The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2nd or 3rd call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal is based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.
Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.
If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

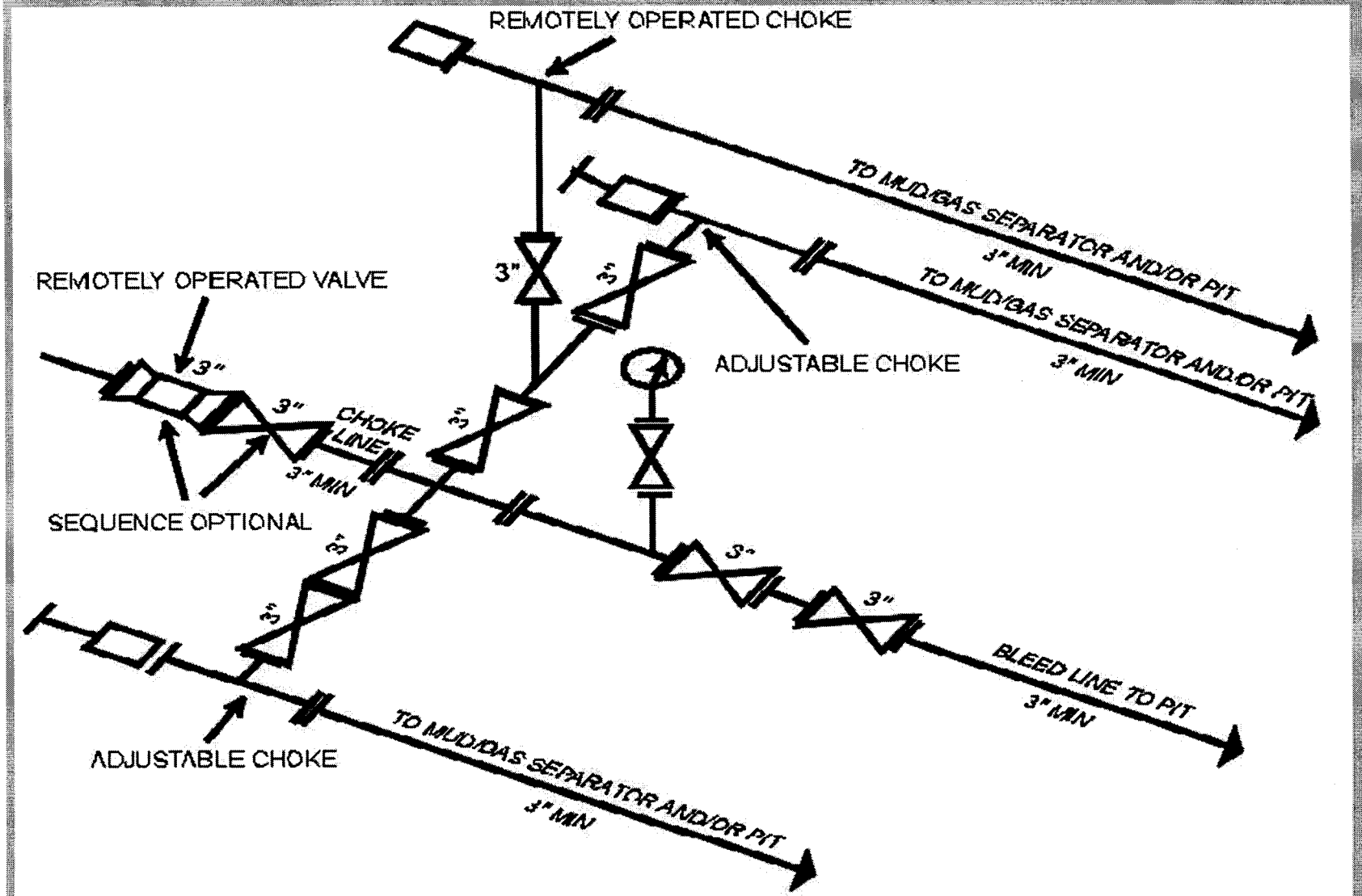
Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

QUESTAR / WEXPRO
10M BOP x 5M Annular
Minimum Requirements



QEP / Wexpro
Uinta Basin - Deep Mancos
12/23/04 - jwo

Attachment I Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   Oil Well [ ] Gas Well [X] Other [ ]

2. Name of Operator
   QEP Uinta Basin Inc.

3. Address and Telephone No.
   11002 E. 17500 S. VERNAL, UT 84078-8526 **(435) 781-4331**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   SWNW LOT 2 1980'FNL 827'FWL SECTION 9, T8S, R22E

5. Lease Designation and Serial No.
   UTU-74494

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
   891003509F

8. Well Name and No.
   GB 5M-9-8-22

9. API Well No.
   43-047-34753

10. Field and Pool, or Exploratory Area
    WHITE RIVER

11. County or Parish, State
    UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other **NAME CHANGE**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. proposes to change the well name from GB 5M-9-8-22 to WRU GB 5M-9-8-22.

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14. I hereby certify that the foregoing is true and correct.
Signed **Jan Nelson** Title **Regulatory Affairs Analyst** **3-3-05**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

015

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **UTU-74494**

6. If Indian, Allottee or Tribe Name: **N/A**

7. If Unit or CA, Agreement Designation: **891003509F**

1. Type of Well
   Oil Well [ ] Gas Well [X] Other [ ]

CONFIDENTIAL

8. Well Name and No.: **GB 5M 9 8 22**

2. Name of Operator: **QEP, UINTA BASIN, INC.**

9. API Well No.: **43-047-34753**

3. Address and Telephone No.: **11002 E. 17500 S. VERNAL, UT 84078-8526**
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area: **WHITE RIVER**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWNW, LOT 2 – 1980' FNL, 827' FWL, S9-T8S-R22E

11. County or Parish, State: **UINTAH COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **SPUD**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 12/7/04 – Install 8' diameter cellar ring and drill 41' of 26" hole, run 42' of 20" conductor csg. Cmtd to surface with Ready Mix Cmt.

On 2/17/05 - Drilled 12-3/8" hole to 730'. Ran 16 jts 9-5/8" J-55 36# csg. Set shoe @ 711'KB . Cmtd w/ 450 sxs Class 'G' Cmt.

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3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **3/11/2005**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

CONFIDENTIAL

CONFIDENTIAL

WEEKLY OPERATIONS REPORT – March 24, 2005

QEP

T08S R22E S-09
43-047-34253

UINTA BASIN

"Drilling Activity – Operated" 3-24-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 6,982 feet back to vertical. Will trip today to lay down directional tools. 7" intermediate casing set at 4,155'. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 7,578 feet horizontal in zone. Drill one 2,600' lateral. PTD 8,275'. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – SG 8MU-11-8-22 drilling at 7,896 feet. PTD 9,500'. Next well SG 7MU-11-8-22. PTD 9,500'.
- Caza #57 – WV 1MU-16-8-21 rig moving out of Wamsutter, WY today. Should all be on location tomorrow. Spud late next week after draw works are repaired.
- Caza #24 – GB 3M-27-8-21 installing wear bushing and getting ready to pick up BHA to drill out CBP after repairing surface casing. Current TD is 7,367'. Next casing point 10,300'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 drilling at 7,950 feet. Next casing point 10,500'. PTD 13,100'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 3-25-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; Comet shut down downstream compressor this week, which allowed us to flow unrestricted against the higher LP; currently flowing 4.31 Mmcfpd @ 1695 psi FCP on a 22/64" choke; will monitor FCP over weekend and open up to higher volume Monday; QEP lease compressor scheduled to be on site in 2 ½ weeks.

WV 14M-11-8-21: *(100% WI)* Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64" & a 32/64" ck. after drilling top kill plug; do not want to overpressure tbg. and pump-off bit to drill the 4 flow thru plugs while circ., so landed tbg. in BOP's and will take well to sales today to deplete some pressure and ensure smooth operation drilling plugs in near future; have one 5 Mmcfpd sep. on location; will MI another soon and need QGM dedicated high pres. line to be installed to open well up beyond 5 Mmcfpd.

GHU 19 RHZ: *(100% WI)* Pumped 4000 gal. 28% gelled acid Weds.; well pumping 121 BO in first 20 hrs. post-treatment load; 6 BWPD & 32 mcfpd.

DS 14G-8-10-18: *(71.875% WI)* Started PU Tues.; currently making 48 BOPD, 17 BWPD & 0 mcfpd.

DS 1G-7-10-18: *(71.875% WI)* Frac'd Green River 'C' Shoal Thurs.; frac. went well.

WRU EIH 10MU-23-8-22: *(36% WI)* 8 stages frac'd. Weds. into Thurs.; FCP Friday a.m. was 1050# on a 24/64" w/ 30 BWPH.

EIHX 14MU-25-8-22: *(100% WI)* 2 stages frac'd. Tues.; perf guns got stuck coming out of hole for 3rd stage; have successfully fished; finishing fracs today (Friday).

WH 15G-10-7-24*: (100% WI)* MIRU yesterday.

4304734753

DOUBLE JACK TESTING & SERVICES/IPS
Phone (307) 789-9213

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MAR 28 2005
DIV. OF OIL, GAS & MINING

017

B.O.P TEST REPORT

B.O.P. TEST PERFORMED ON (DATE) 3/15/05

OIL COMPANY QUESTAR

WELL NAME & NUMBER UTU - 74494

SECTION ~~9~~ 09

TOWNSHIP ~~8S~~ 8S

RANGE 22 E

COUNTY & STATE UINTAH, UTAH

DRILLING CONTRACTOR PATTERSON 413

OIL COMPANY SITE REPRESENTATIVE

RIG TOOL PUSHER

TESTED OUT OF Evanston, Wyoming

NOTIFIED PRIOR TO TEST

COPIES OF THIS TEST REPORT SENT TO: UTAH Oil & Gas Commission

BUREAU OF LAND MGMNT.

ORIGINAL CHART & TEST REPORT ON FILE AT:

DOUBLE JACK TESTING & SERVICES, INC.
PO BOX 2097
EVANSTON, WY 82930

TESTED BY: MIKE FISHER & GARY THOMPSON

IPS / dba Double Jack Testing

FIELD TICKET 22194

Accounting Office: PO Drawer 2080 • Riverton, WY 82501 • (307) 857-0076

Field Operations:

Riverton, WY	(307) 857-0077
Evanston, WY	(307) 789-9213
Rock Springs, WY	(307) 382-4020
Big Piney, WY	(307) 276-5265
Vernal, UT	(435) 781-0448

DATE 3-15-05

[X] OPERATOR Questar

[ ] CONTRACTOR Patterson 413

WELL NAME utu - 74494

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
Uintah	ut	9	8S	22E

Items Tested:

	LOW TEST PSI	TIME HELD MINUTES	HIGHTEST PSI	TIME HELD MINUTES
Top Pipe Rams	250	5	5000	10
Bottom Pipe Rams	250	5	5000	10
Blind Rams	250	5	5000	10
Annular B.O.P.	250	5	2500	10
Choke Manifold	250	5	5000	10
Choke Line	250	5	5000	10
Kill Line	250	5	5000	10
Super Choke	—	—	5000	2
Upper Kelly	250	5	5000	10
Lower Kelly	250	5	5000	10
Floor Valve	250	5	5000	10
Dart Valve	250	5	5000	10
Casing	—	—	1500	30

Closing Unit PSI 1650

Closing Time of Rams 95sec

Closing Time of Annular 14sec

Closed Casing Head Valve yes

Set Wear Sleeve NO

COMMENTS

ADDITIONAL TESTS & COMMENTS DRILLING [X] COMPLETION [ ]

		CHARGES
TEST PLUG	11c22 4½ IF	150.00
TOP SUB.	4½ IF	55.00
KELLY SUB.	4½ IF	55.00
X-OVER SUB.		
OTHER		

QUANTITY	RATES		
1unit	UNIT RATES	1unit to test Bops First 7hrs	1100.00
2	ADDITIONAL	hourly past first 7hrs @ 140hr	280.00
	MILEAGE		
103	ANTIFREEZE	50% Premix @ 2per gallon	206.00
	OTHER		

SUBTOTAL 1646.00

TAX

TOTAL

PURCHASE ORDER #

Gary Thompson, Mike Fisher
TESTED BY

NO ACCIDENTS

COMPANY REPRESENTATIVE

#147
DOUBLE JACK TESTING UNIT NUMBER

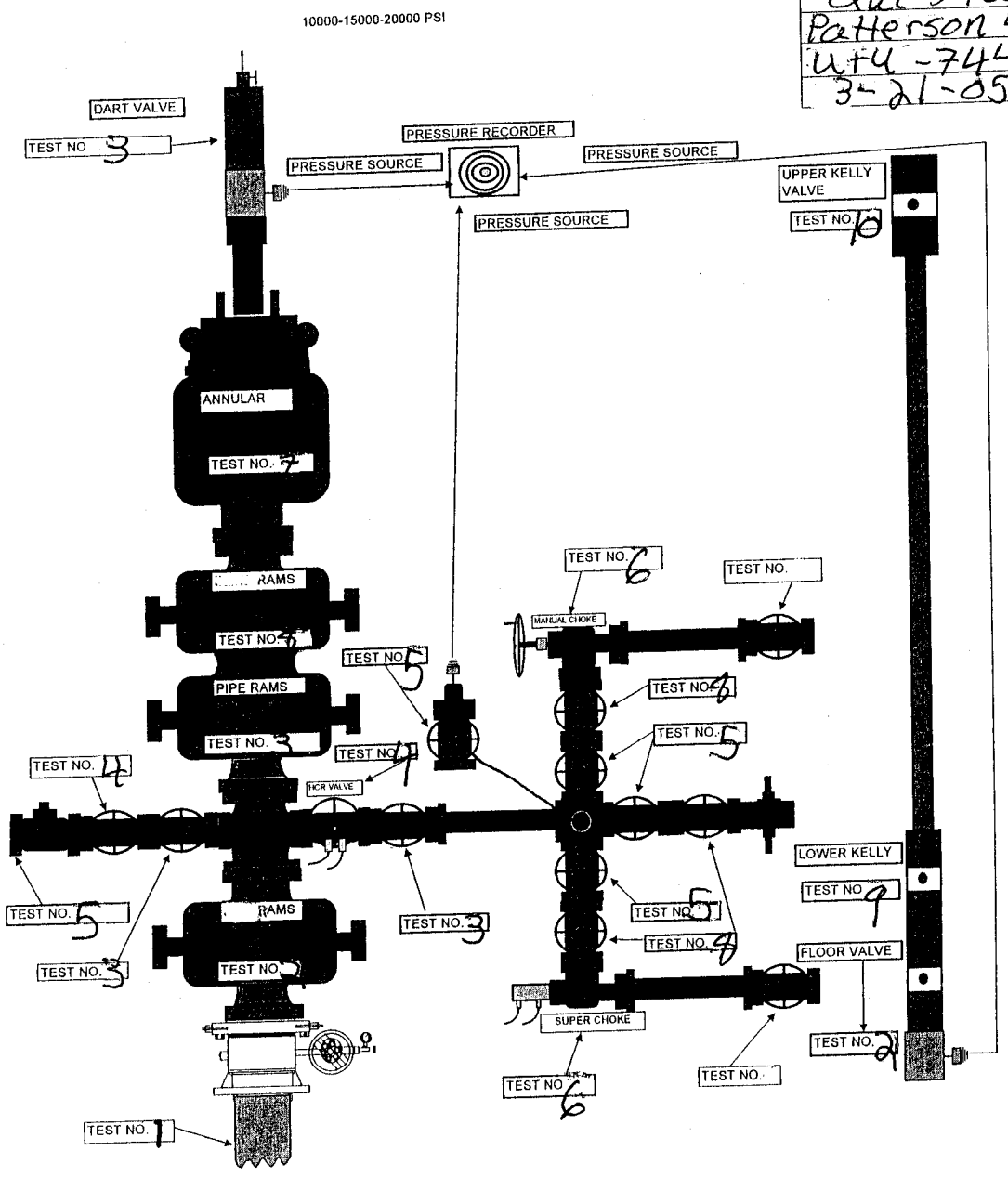
NOTICE TO ALL CUSTOMERS

If this account shall not be paid when due and it is placed with an attorney for collection, or if suit be instituted for collection, the undersigned agree(s) to pay in either case, reasonable expense of collection including attorney's fees and court cost in compliance with TRUTH IN LENDING AND THE UNIFORM CONSUMER CREDIT CODE, the following information disclosure, under the terms of our regular accounts, all amounts for service due and payable within THIRTY (30) DAYS from the receipt of an invoice for such services. A LATE CHARGE will be assessed when accounts are not paid when due. THE LATE CHARGE is computed by a "periodic rate" 1-3/4% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 21% to the previous balance in the account on the billing date. No further credit can be extended on unpaid delinquent accounts until the delinquent account is paid in full. The contractor will not be held liable for damages caused by acts of God, or unforeseen circumstances that could not be reasonably anticipated in performing the work done as set forth above.

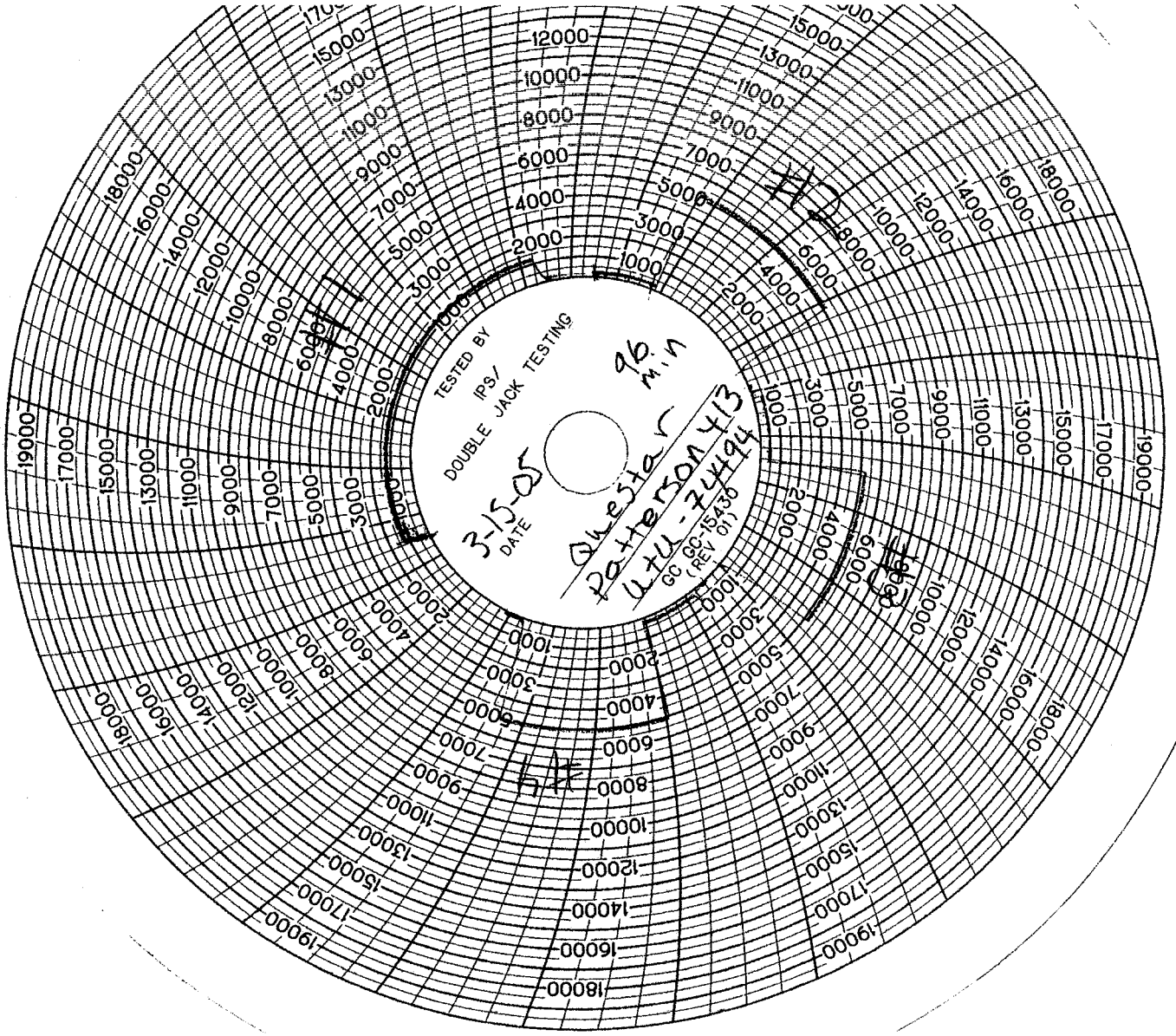
DOUBLE JACK TESTING & SERVICES/IPS

COMPANY		LEASE & WELL NAME	TEST DATE	RIG NAME & #
QUESTAR		UTU - 74494	3/15/05	PATTERSON 413
TEST	TIME	ITEMS TESTED		
		96 minute rotation		
1	8:00 p.m.	CASING 1500 PSI		
2	11:15	LOWER PIPE RAMS, T I W VALVE		
3	12:00	UPPER PIPE RAMS, DART VALVE, INSIDE KILL AND MANUAL		
4	12:25 a.m.	H C R, OUTSIDE KILL, TOP PIPE RAMS		
5	1:00	CHECK VALVE, INSIDE MANIFOLD VALVES, TOP PIPE RAMS, RISER VALVE		
6	1:20	CHOKE - SUPER CHOKE, TOP PIPE RAMS, CHECK VALVE, RISER VALVE		
7	1:50	ANNULAR / FUNCTION TEST		
8	3:00	BLIND RAMS, OUTSIDE MANIFOLD VALVES		
9	3:25	LOWER KELLY		
10	3:50	UPPER KELLY		

Questar
Patterson 413
UT4-74494
3-21-05



DOUBLE JACK TESTING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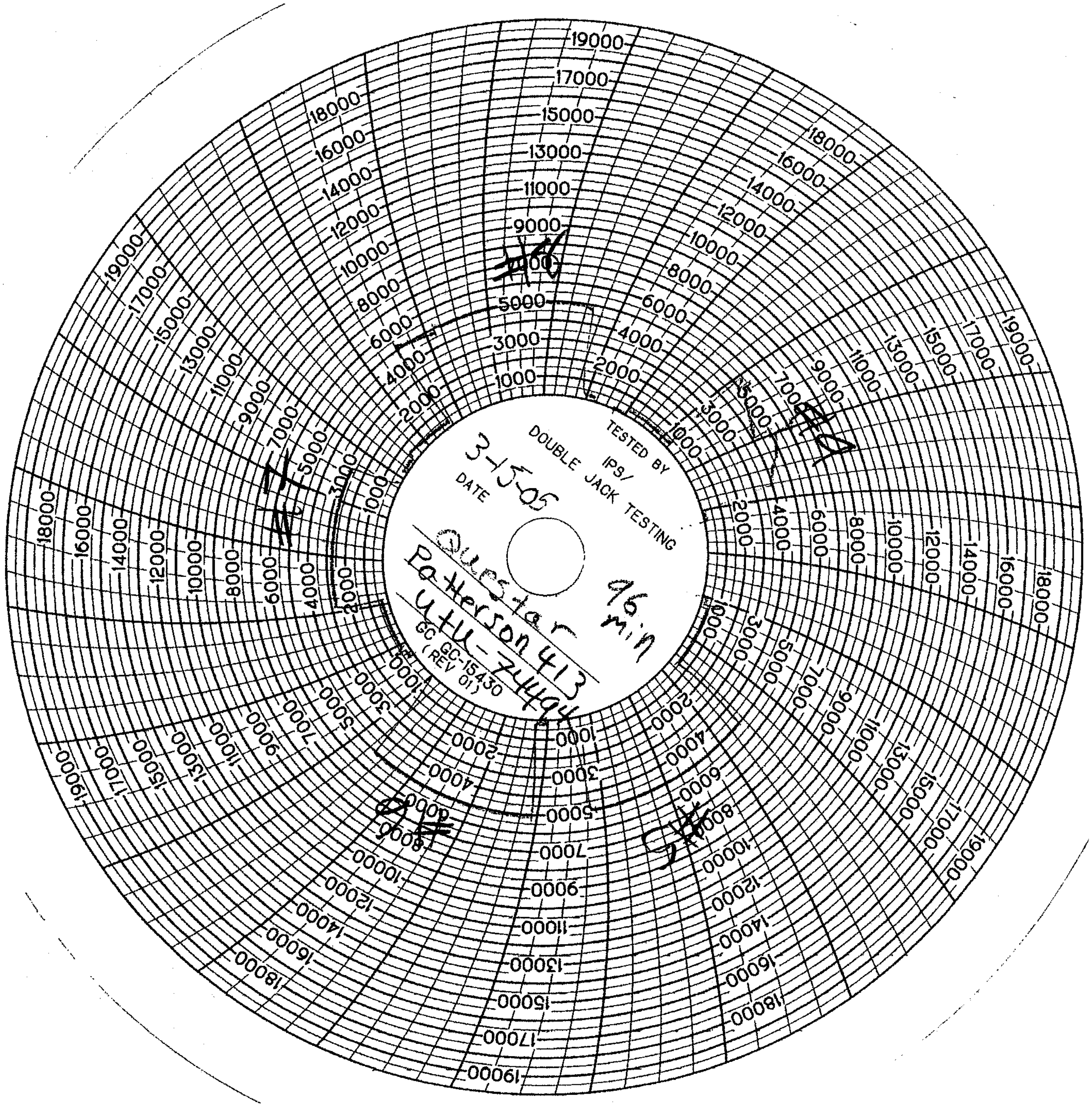
IPS/
DOUBLE JACK TESTING
3-15-05
DATE
96
min
Questar
Patterson 413
UTU-74494
GC GC-15438
(REV 01)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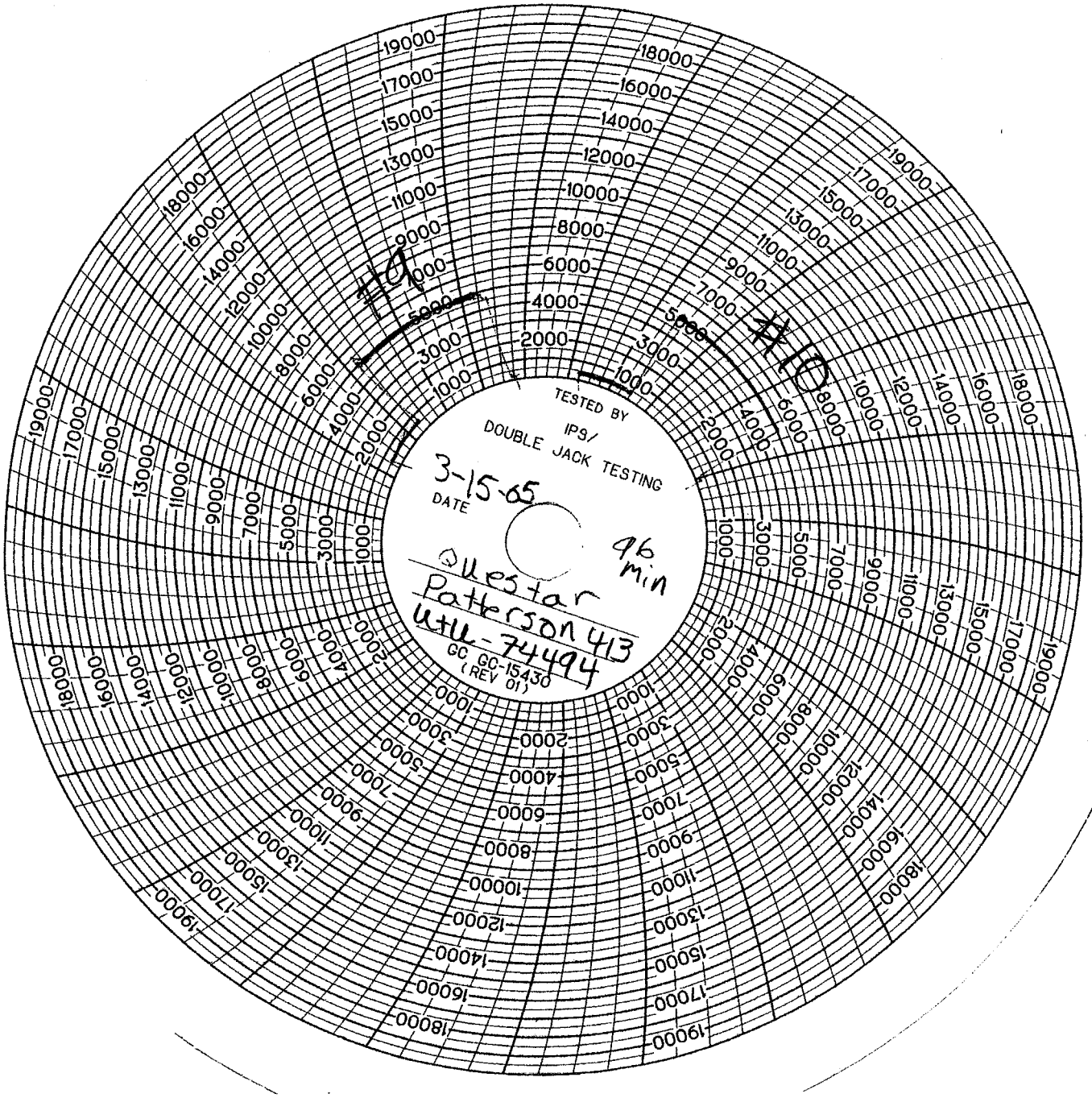
GC-15430
(REV 01)


TESTED BY
IPS/
DOUBLE JACK TESTING
3-15-65
DATE
96 min
Questar
Patterson 413
WIL-74494
GC GC-15430
(REV 01)

WEEKLY OPERATIONS REPORT – July 14, 2005

QEP

T08S R22E S-09
43-047-34953

UINTA BASIN

"Drilling Activity – Operated" 7-14-05

- Patterson #51 – SG 6ML-11-8-22 drilling at 3,333 feet. PTD 11,200'. Next well WK 9MU-2-9-24, True Oil farmout well.
- Patterson #52 – GHU 1G-17-8-21 reached TD at 8,316 feet in zone. Laid down drill pipe, set CIBP, rigging down to move. Next well EIHX 2MU-36-8-22. PBT 8,200'.
- True #26 – released rig to Chevron. Moving to Birch Creek Filed in Wyoming.
- Caza #57 – EIHX 16MU-25-8-22 drilling at 3,790 feet. PBTD 8,700'. Next well EIHX 1MU-36-8-22. PBTD 8150'.

"Completions & New Wells to Sales" 7-15-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 4.7 mmcfpd w/ 480 psi FTP & 500 psi CP. Will open well up more to draw down FTP and get rate over 5 mmcfpd.

WRU **GB 5M-9-8-22:** *(77.5% WI)* Fracs for Blackhawk and Lower MV set for 7/18 & 19.

WEEKLY OPERATIONS REPORT – July 7, 2005

QEP

T08SR22E S-09
43-047-34753

UINTA BASIN

"Drilling Activity – Operated" 7-7-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 10,727 feet. PBTD extended to 10,900' MD. Next well SG 6ML-11-8-22. PTD 11,200'.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 6,455 feet in zone. Drill one 3500' G-1 lateral. Next well EIHX 4MU-36-8-21. PBT 8,200'.
- True #26 – WRU EIH 14ML-24-8-22 drilling at 9,751 feet. PBTD 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIHX 8MU-25-8-22 drilling at 7818'. PBTD 8,700'. Next well EIHX 16MU-25-8-22. PTD 8,700'.

"Completions & New Wells to Sales" 7-8-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Curtailed to 3 mmcfpd. Currently producing 2.9 mmcfpd w/ 950 psi FTP, 1200 psi CP, 900 psi line pressure.

WRU **GB 5M-9-8-22:** *(77.5% WI)* Mancos B to sales 7-9-05. Tested at 175 psi on 32/64" choke, 1.2 mmcfpd. Will sell until horsepower available for next frac (expected 7-18-05).

WRU EIH 11ML-24-8-22: *(43.75% WI)* To sales 7-9-05. 4284 BLLTR.

WEEKLY OPERATIONS REPORT – June 30, 2005

QEP

T08S R22E S-09
43-047-34753

UINTA BASIN

"Drilling Activity – Operated" 6-23-05

- Patterson #51 – WRU EIH 16ML-23-8-22 drilling at 8,092 feet. PTD 10,769' MD. Next well SG 6ML-11-8-22. PTD 11,200' MD.
- Patterson #52 – GHU 1G-17-8-21 horizontally drilling at 5,610 feet in zone. Drill one 3500' G-1 lateral. Next well WV 12G-10 horizontal.
- True #26 – WRU EIH 14ML-24-8-22 directionally drilling at 6,675 feet. PBTD 10,383' MD. Next rig is to be loaned out to Wexpro for 3 months.
- Caza #57 – EIHX 8MU-25-8-22 finish rigging up and spud today. PBTD 8,700'. Next well EIHX 16MU-25-8-22. PTD 8,700'.

"Completions & New Wells to Sales" 6-30-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) up tbg to sales. Planning to open up annulus to sales, but was curtailed to 3 mmcfpd. Currently producing 3.87 mmcfpd w/ 388 psi FTP, 1028 psi CP, 280 psi line pressure.

WRU **GB 5M-9-8-22:** *(77.5% WI)* Perforated Mancos from 12,726' to 13,034'. Scheduled to frac tomorrow.

RWU 12-35B: *(100% WI)* To sales 6/25/05. Currently producing 2.75 BOPD & 21 BWPD.

WRU EIH 12ML-24-8-22: To sales 6/24/05. Currently producing 1.152 mmcfpd @ 685 psi FTP & 990 psi CP w/ 103 BWPD & 15 BOPD on a 21/64" ck.

BSW 11MU-12-9-24: Tubing landed, currently flow testing. Expected pipeline completion date July 12th. Currently flowing 10 bph @ 25 psi FTP & 25 psi CP on a 2" ck.

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WEEKLY OPERATIONS REPORT – May 5, 2005

QEP

T08S R22E S-09
43-047-34253

UINTA BASIN

"Drilling Activity – Operated" 5-5-05

- Patterson #51 – WRU EIH 12ML-24-8-22 drilling at 8,162 feet MD, 3.0° inclination, 164.0° azimuth. PTD 10,500 MD. Next well WRU EIH 13ML-24-8-22 directional pad well. PTD 10,400' TVD, 10,754' MD.
- Patterson #52 – RW 12-36B (240) lost approximately 400' of fish in the hole while trying to drill out build section with liner. Set RCIBP at 4,010', laid down liner and drill pipe and released rig. Will re-drill or drill NE lateral at a later date. Moving to RW 12-35B horizontal well to drill two 2,100' laterals.
- True #26 – EIHX 2MU-25-8-22 while drilling at 5,259' loss circulation zone and water flow zone around 2,300 to 2,500 feet became too much to handle. Shut down and set a 300' cement plug to control water flow and loss circulation. Currently waiting on cement. May have to set second plug. PTD 8,700'.
- Caza #57 – WRU EIH 14MU-35-8-22 moving in and rigging up. PTD 8,200'.
- Patterson #413 – **WRU GB 5M-9-8-22** laying down drill pipe to run production casing. TD 13,043'. Next well – move to Pinedale.
- True #30 – GB 7M-28-8-21 drilling at 8,710 feet. May stop at intermediate casing point in order to move to Pinedale. Depends on permits for Pinedale well. PTD 12,850'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 5-5-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 5.6 Mmcfpd @ 1133 psi FCP through compressor; FCP high due to just coming back to sales after SI due to compressor/liquid issues.

WV 3G-10-8-21: *(100% WI)* To sales 4/19/05. Currently producing 116 BOPD, 16 BWPD.

CONFIDENTIAL

WEEKLY OPERATIONS REPORT – April 28, 2005

QEP

T08S R22E S-09
43-047-34753

UINTA BASIN

"Drilling Activity – Operated" 4-28-05

- Patterson #51 – WRU EIH 12ML-24-8-22 drilling at 5,491 feet MD, 4.0° inclination, 197.7° azimuth dropping angle. PTD 10,500 MD. Next well WRU EIH 13ML-24-8-22 directional pad well. PTD 10,400' TVD, 10,754' MD.
- Patterson #52 – RW 12-36B (240) wash and ream to TD at 7,162 feet NW lateral. Waiting on liner to show up. Will drill NE lateral next. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 2MU-11-8-22 rigging up to make second logging run. First run logs stopped at 8,554' and logged up. PTD 9,600'. Next well EIHX 2MU-25-8-22. PTD 8,700'.
- Caza #57 – BSW 11ML-12-9-24 rig repair and changing items to BLM specs. PTD 5,000'/7,100' (Farmout to True Oil Co.). Next well EIH 2MU-25-8-22. PTD 8,700'.
- Caza #24 – GB 3M-27-8-21 released rig 4-26-05. Waiting on trucks to move to Pinedale.
- Patterson #413 – **WRU GB 5M-9-8-22** at TD tripping out of hole to log. TD 13,043'. Next well – move to Pinedale.
- True #30 – GB 7M-28-8-21 drilling at 5,665 feet. PTD 12,850'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 4-28-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 3.09 Mmcfpd @ 884 psi FCP on a 2 open chokes; compressor pad ROW signed by tribe 4/15; compressor started construction 4/27/05.

WV 14M-11-8-21: *(100% WI)* Returned to sales 4/13. Currently flowing 537 mcfpd @ 300 psi FTP on 29/64" choke. Well was SI during slickline operations, built pressure to 3,000 psi in 4 hrs.

WV 3G-10-8-21: *(100% WI)* To sales 4/19/05. Currently producing 217 BOPD, 40 BWPD.

GB 14M-28-8-21: (77.5% WI) Returned to sales 4/22/05 after drilling out remaining plugs. Currently producing 4.6 mmcfpd @ 319 psi FTP & 100 BWPD.

WH 15G-10-7-24: *(100% WI)* P&A'd.

GB 3MU-3-8-22: (77.5% WI) to sales 4/21/05. Currently producing 212 mcfpd. Started plunger lift.

SG 8MU-11-8-21: (43.75% WI) to sales 4/26/05. Currently producing 1.39 mmcfpd @ 1760 psi on 12/64" choke.

SG 7MU-11-8-21: (43.75% WI) to sales 4/27/05.

WEEKLY OPERATIONS REPORT – April 21, 2005

QEP

T08S R22E S-09
43-047-34953

UINTA BASIN

"Drilling Activity – Operated" 4-21-05

- Patterson #51 – WRU EIH 12ML-24-8-22 drilling at 3,155 feet MD, 6.9° inclination, 165.9° azimuth. PTD 10,500 MD. Next well WRU EIH 13ML-24-8-22 directional pad well. PTD 10,400' TVD, 10,754' MD.
- Patterson #52 – RW 12-36B (240) washing and reaming at 5,600 feet. Current TD is 6,699 feet, 86.2° angle, 267.8° azimuth., NW lateral. Have had a lot of problems with the hole sloughing and having to wash & ream to clean it out. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 2MU-11-8-22 drilling sidetrack at 5,785', lost 500 bbl of mud in last 24 hours. PTD 9,550'. Next well EIHX 2MU-25-8-22. PTD 8,700'.
- Caza #57 – WV 1MU-16-8-21 circulating at 9,772 feet for rig repair. Sprocket came off the shaft on the hydromatic. PTD 9,985'. Next well BSW 11ML-12-9-24. PTD 5,000' (farmout to True Oil Co.). Must spud by 5-1-05.
- Caza #24 – GB 3M-27-8-21 drilling at 12,647 feet. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – **WRU GB 5M-9-8-22** drilling at 11,830 feet. PTD 13,100'. Next well – move to Pinedale.
- True #30 – GB 7M-28-8-21 drilling at 2,122 feet. PTD 12,850'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 4-22-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 3.76 Mmcfpd @ 889 psi FCP on a 2 open chokes; compressor pad ROW signed by tribe 4/15; start construction Monday.

WV 14M-11-8-21: *(100% WI)* Returned to sales 4/13. Currently flowing 664 mcfpd @ 146 psi FTP on 48/64" choke.

WV 3G-10-8-21: *(100% WI)* To sales 4/19/05. Currently producing 221 BOPD, 65 BWPD.

GB 14M-28-8-21: (77.5% WI) Returned to sales 4/22/05 after drilling out remaining plugs. Currently producing 4 mmcfpd @ 900 psi FTP & 64 BWPH.

WH 15G-10-7-24*: (100% WI)* P&A'd.

GB 3MU-3-8-22: (77.5% WI) to sales 4/21/05. Currently producing 332 mcfpd.

SG 8MU-11-8-21: (43.75% WI) to sales 4/22/05.

WEEKLY OPERATIONS REPORT – April 14, 2005

QEP

T08S R22E S-09
43-049-34053

UINTA BASIN

"Drilling Activity – Operated" 4-14-05

- Patterson #51 – WRU EIH 11ML-24-8-22 TD at 10,582 feet MD. Short trip for logs. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) directionally drilling at 5,882 feet, 83.6° angle, 299.4° azimuth., NW lateral. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 2MU-11-8-22 fishing stuck drill pipe at 3,122', made back off trying to kill water flow. PTD 9,550'. Next well BSW 11ML-12-9-24. PTD 7,100' (farmout to True Oil Co.).
- Caza #57 – WV 1MU-16-8-21 drilling at 6,324 feet. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 11,162 feet. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – **WRU GB 5M-9-8-22** 11,147 feet, tripping in hole after bit change. PTD 13,100'. Next well – move to Pinedale.
- True #30 – GB 7M-28-8-21 starting rig up. 100% of rig on location. PTD 12,850'.

"Completions & New Wells to Sales" 4-15-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 3.76 Mmcfpd @ 889 psi FCP on a 2 open chokes; compressor pad ROW signed by tribe 4/15; start construction Monday.

WV 14M-11-8-21: *(100% WI)* Drilled out plugs earlier this week; landed tbg.; went to sales 4/13; currently flowing 930 mcfpd @ 250 psi FTP & 883 psi CP w/ 25 BOPD & 302 BWPD on a 29/64" ck.

WV 3G-10-8-21: *(100% WI)* TIH into lateral (w/in 20' of "toe"); circ. 2000 gal. of 28% HCl; displaced into formation at low rates; TOOH w/ workstring; TIH w/ prod. tbg.; started to swab this a.m.; well started flowing @ 30 BFPH w/ 100%oil; redesigning rod pump this p.m.; will run rods and pump Mon.; oil was captured in frac. tank and will be transferred to prod. tank Mon. so it can be sold.

WH 15G-10-7-24: *(100% WI)* Prep. to PxA.

GB 3MU-3-8-22 & the **GB 7MU-36-8-21** going to sales 4/15 & 4/16 respectively.

019

WEEKLY OPERATIONS REPORT – April 7, 2005

QEP

T08S R22E S-09
43-047-34253

UINTA BASIN

"Drilling Activity – Operated" 4-7-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 9,427 feet. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) directionally drilling at 5,319 feet, 69.4° angle, 329.9° azimuth., NW lateral. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 7MU-11-8-22 at TD 9,375 feet running logs. Next well SG 2MU-11-8-22. PTD 9,550'.
- Caza #57 – WV 1MU-16-8-21 rigged up waiting on clutch to be repaired. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 10,050 feet. Intermediate casing set at 10,015'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 10,210 feet, intermediate casing point, picking up 3-1/2" DP to drill out. PTD 13,100'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 4-8-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 4.23 Mmcfpd @ 918 psi FCP on a 2 open chokes; compressor set to deliver on April 13th.

WV 14M-11-8-21: *(100% WI)* MI rig Weds.; after TIH 3 jts. to drill out plugs; rig had mechanical problems; est 2-3 days to fix and then con't. drilling out plugs Mon.

GB 3MU-3-8-22: *(77.5% WI)* 1st MV frac screened-out yesterday; was pumped @ 25 BPM due to proximal wet sands; MIRU rig to c/o; fracs rescheduled for Tues.

WV 3G-10-8-21: *(100% WI)* MIRU Thurs.; had to fix hydraulic hose; PU tbg. into derrick, so TI process is faster; next steps will be drilling out comp. BP and TIH into lateral to spot acid.

WH 15G-10-7-24*: (100% WI)* Pt7 & Oy2 zones wet; moved uphole to Ou6, Mv5 & Mu6 & acidized;

EIHX 15MU-25-8-22, EIHX 9MU-25-8-22, & GB 4MU-36-8-21 all going to sales 4/7 & 4/8.

WEEKLY OPERATIONS REPORT – March 31, 2005

QEP

T08S R22E S-09
43-047-34753

UINTA BASIN

"Drilling Activity – Operated" 3-31-05

- Patterson #51 – WRU EIH 11ML-24-8-22 directionally drilling at 8,165 feet to correct deviation problem. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) set oriented lug packer, currently gyroing packer. Will pick up whipstock to mill first window. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 7MU-11-8-22 drilling at 2,830 feet. PTD 9,500'. Next well SG 2MU-11-8-22. PTD 9,550'.
- Caza #57 – WV 1MU-16-8-21 rigging up waiting on draw works. Should be on location Saturday. Should spud Sunday or Monday. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 9,793 feet. Intermediate casing point approximately 10,200'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – **WRU GB 5M-9-8-22** 10,210 feet TD intermediate casing point, running logs. PTD 13,100'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 3-31-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; currently flowing 4.61 Mmcfpd @ 1533 psi FCP on a 30/64" choke; plan to go to 7 Mmcfpd rate Friday.

WV 14M-11-8-21: *(100% WI)* Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64" & a 32/64" ck. after drilling top kill plug; landed tbg. in BOP's and took well to sales last Friday to deplete off some pressure; currently flowing to sales @ 1.5 Mmcfpd @ 1080 psi FCP on a 39/64" ck. w/ 23 BOPD & 583 BWPD; pressure was relatively stable first 4 days (3500+ psi FCP) and then has abruptly dropped last few days; appears some flow-thru frac plugs have probably plugged off; will MI rig ASAP to drill out plugs and get everything open again.

DS 1G-7-10-18: *(71.875% WI)* Frac'd Green River 'C' Shoal; frac. went well; setting PU Friday (it needed some repair).

WH 15G-10-7-24*: (100% WI)* Pt7 zone wet; moved uphole to Oy2.

EIHX 15MU-25-8-22, EIHX 9MU-25-8-22, & GB 4MU-36-8-21 all in various stages of fracing.

WEEKLY OPERATIONS REPORT – July 21, 2005

QEP

T 08S R22E S-09
43-047-34753

UINTA BASIN

"Drilling Activity – Operated" 7-21-05

- Patterson #51 – SG 6ML-11-8-22 drilling at 7,495 feet. PTD 11,200'. Next well WK 9MU-2-9-24, True Oil farmout well.
- Patterson #52 – EIHX 2MU-36-8-22 drilling at 6,147 feet. PBT 8,200'. Next well EIHX 3-36-8-22. PBTD 8,300'.
- Caza #57 – EIHX 16MU-25-8-22 rig released at 6:00 AM today. Moving tomorrow to next well EIHX 1MU-36-8-22. PBTD 8150'.

"Completions & New Wells to Sales" 7-21-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.9 mmcfpd w/ 457 psi FTP & 475 psi FCP.

WRU **GB 5M-9-8-22:** *(77.5% WI)* Fracs for Blackhawk and Lower MV delayed until 7/28 & 29 due to rig engine and transmission having to be replaced w/ tbg. still in hole during TOOH.

T08S R22E S-09
43-047-34953

WEEKLY OPERATIONS REPORT – July 28, 2005

QEP

UINTA BASIN

"Drilling Activity – Operated" 7-28-05

- Patterson #51 – SG 6ML-11-8-22 washing and reaming back to bottom at 10,026 feet. PTD 11,200'. Next well WK 9MU-2-9-24, True Oil farmout well.
- Patterson #52 – EIHX 2MU-36-8-22 ran and cemented production casing, rig released, moving today. Next well EIHX 3MU-36-8-22. PBTD 8,300'.
- Caza #57 – EIHX 1MU-36-8-22 drilling at 7,259 feet. PBTD 8150'. Next well EIHX 4MU-36-8-22. PBTD 8,350'.

"Completions & New Wells to Sales" 7-28-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.7 mmcfpd w/ 458 psi FTP & 443 psi FCP.

GB 5M-9-8-22: *(77.5% WI)* Fracs for Blackhawk and Lower MV 7/29 & 30.

GB 7M-28-8-21: *(77.5% WI)* Fracs moved up to Aug. 3rd/4th.

GH 1G-17-8-21 (Hz): *(100% WI)* Acidized w/ 20,000 gal. 15% HCl today.

WEEKLY OPERATIONS REPORT – August 11, 2005

QEP

T08S R22E S-09
43-047-34953

UINTA BASIN

"Drilling Activity – Operated" 8-11-05

- Patterson #51 – WK 9MU-2-9-24 drilling at 6,541 feet. PBTD 7,000'. True Oil farmout well. Next the rig will be windowed out to Dominion for approximately 60 days.
- Patterson #52 – the rig has moved to the South Baxter Unit 27 in Sweetwater County, WY for Wexpro.
- Caza #57 – EIHX 4MU-36-8-22 running casing at 8,300 feet TD. Next the rig will move to the Robbers Gulch #2 south of Wamsutter, WY. Location is being built.

"Completions & New Wells to Sales" 8-11-05:

FR 9P-36-14-19: *(100% WI)* Flowing well (Dakota, Cedar Mtn., Morrison, Entrada, & Wingate) to sales. Currently producing 3.23 mmcfpd w/ 416 psi FTP & 428 psi FCP; 25 BW & 10 BO.

GB 5M-9-8-22: *(77.5% WI)* Drilled out plugs; landed tbg.; kicked off flowing to sales 8-8-05; currently flowing @ 331 mcfpd @ 214 psi FTP, 1082 psi CP on a 24/64" ck. w/ 213 BWPD & 25 BOPD.

GB 7M-28-8-21: *(77.5% WI)* Frac'd first Mancos zone w/ slickwater & 60,000 lbs 30/50 Econoprop; Frac'd 2nd Mancos w/ slickwater & 33,000 lbs. 30/50 Econoprop; Blackhawk frac'd today w/ 300 Mlbs. 20/40 Econoprop; went to sales 8-9-05; currently flowing @ 3082 mcfpd @ 2431 psi FCP on a 10/64" ck. w/ 698 BWPD & 8 BOPD (over 6000 BLLTR).

GH 1G-17-8-21 (Hz): *(100% WI)* Started pumping unit 8-4-05; currently making 169 BOPD & 15 BWPD.

WRU EIH 15ML-23-8-22: Fracs (8 stages) pumped Aug. 5th, 6th& 7th; lubed in comp. BP Mon.; TIH and drilled plugs; landed tbg.; went to sales late on 8-11-05.

WRU EIH 13ML-24-8-22: Frac'ing; 6 stages done; will open to pit @ 4 p.m. on the 12th.

*** *There is 1 well WOQGM ROW-P/L installation that needs to be completed.*

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side).

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: UTU-74494

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

7. UNIT AGREEMENT NAME: UTU63021F

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other CONFIDENTIAL

b TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other

8. FARM OR LEASE NAME: N/A

9. WELL NO.: WRU GB 5M 9 8 22

2. NAME OF OPERATOR: QEP UINTA BASIN, INC.

10. FIELD AND POOL, OR WILDCAT: WHITE RIVER

3. ADDRESS OF OPERATOR: 11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 9-T8S-R22E

At surface: 1980' FNL, 827' FWL – SWNW - SEC 9-T8S-R22E

At top rod. interval reported below: 1980' FNL, 827' FWL – SWNW - SEC 9-T8S-R22E

At total depth: 1980' FNL, 827' FWL – SWNW - SEC 9-T8S-R22E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-34753		UINTAH	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12/04/04	5/04/05	8/08/05	KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
13,039'	12,938' CIBP		⟶		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

See Attachment Page 1

25. WAS DIRECTIONAL SURVEY MADE: NO

27. WAS WELL CORED: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL, CBL/SCMT-PBMS

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	752' KB	12-3/8"	450 sxs	
7"	26#	10,198'	8-1/2"	2,331 sxs N2 foamed cmt	
4-1/2"	13.5#	13,026'	6-1/8"	506 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	10,010'	

31. PERFORATION RECORD (*Interval, size and number*)

See Attachment Page 1

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment Page 1	See Attachment Page 1

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping--size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8/08/05	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD ⟶	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
8/11/05	24	24		25	331	213	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ⟶	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)
214	1082					

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Attachment Page 1

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED JIM SIMONTON TITLE COMPLETION SUPERVISOR DATE 11/15/05

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

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RECEIVED
DEC 01 2005
DIV. OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	SURFACE		
GREEN RIVER	2650'		
MAHOGANY	3655'		
WASATCH	6145'		
MESA VERDE	8970'		
LOWER MESA VERDE	10495'		
CASTLEGATE	11495'		
BLACK HAWK SS	11935'		
MANCOS 'B'	12700'		
TD	13039'		

38. GEOLOGIC MARKERS
WRU GB 5M 9 8 22

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	2650'	
MAHOGANY	3655'	
WASATCH	6145'	
MESA VERDE	8970'	
LOWER MESA VERDE	10495'	
CASTLEGATE	11495'	
BLACK HAWK SS	11935'	
MANCOS 'B'	12700'	
TD	13039'	

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WRU GB 5M 9 8 22 – ATTACHMENT PAGE 1
PERFORATION DETAIL:

Open Perfs	Stimulation					Zone
10628′ – 10633′ 10734′ – 10736′ 10798′ – 10800′ 10836′ – 10838′ 10887′ – 10892′	Frac w/	68,500	Lbs in	44,100	Gals	Open – LMV
10948′ – 10950′ 11012′ – 11014′ 11024′ – 11026′ 11102′ – 11104′ 11180′ – 11188′	Frac w/	125,000	Lbs in	61,362	Gals	Open – LMV
11388′ – 11392′ 11475′ – 11482′ 11501′ – 11506′	Frac w/	95,000	Lbs in	48,006	Gals	Open – LMV
12218′ – 12220′ 12242′ – 12250′ 12300′ – 12302′ 12388′ – 12390′ 12396′ – 12398′	Frac w/	305,000	Lbs in	169,974	Gals	Open – Blackhawk
12726′ – 12727′ 12731′ – 12732′ 12737′ – 12738′ 12751′ – 12752′ 12916′ – 12917′ 12924′ – 12925′ 12930′ – 12931′ 12980′ – 12981′ 12997′ – 12998′ 13003′ – 13004′ 13017′ – 13018′ 13018′ – 13019′ 13020′ – 13021′ 13022′ – 13023′ 13024′ – 13025′ 13026′ – 13027′ 13028′ – 13029′ 13030′ – 13034′	Frac w/ Break down	52,080 w/ 500	Lbs in Gals	197,400 Of acid	Gals	Open – Mancos "B"

FIELD: WRU GB 5M 9 8 22 | GL: 5092' KBE: 5117' | Spud Date: 12/04/04 Completion Date: 8/8/05

Well: WHITE RIVER | TD: 13,039' PBTD: 12,938' CIBP | Current Well Status: Flowing Gas Well

Location: SWNW - S9-T8S-R22E
1980' FNL, 827' FWL API#: 43-047-34753
Uintah County, Utah

Reason for Pull/Workover:
Initial Completion of Gas Well

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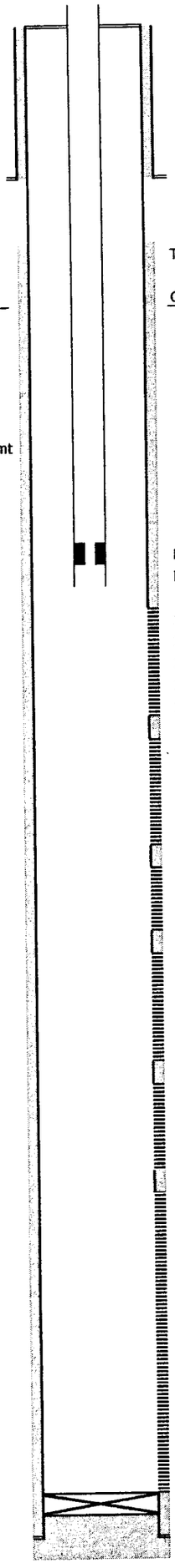
Wellbore Schematic



Surface casing
Size: 9-5/8"
Weight: 36#
Grade: J-55
Cmtd w/ 450 sxs

Hole size: 12-3/8"
Set @ 752' KB

TOC @ 10,010'

EXCLUDED PERFS

OPEN PERFS

Intermediate casing
Size: 7"
Weight: 26#
Grade: P-110
Cmtd w/ 2,331 sxs N2 foamed cmt
Hole Size: 8-1/2"
Set @ 10,198'

F Nipple @ 10517
EOT @ 10550

10628' - 10633' LMV
10734' - 10736' LMV
10798' - 10800' LMV
10836' - 10838' LMV
10887' - 10892' LMV

10948' - 10950' LMV
11012' - 11014' LMV
11024' - 11026' LMV
11102' - 11104' LMV
11180' - 11180' LMV

11388' - 11392' LMV
11475' - 11482' LMV
11501' - 11506' LMV

12218' - 12220' Blackhawk
12242' - 12250' Blackhawk
12300' - 12302' Blackhawk
12388' - 12390' Blackhawk
12396' - 12398' Blackhawk

12726' - 12727' Mancos B
12731' - 12732' Mancos B
12737' - 12738' Mancos B
12751' - 12751' Mancos B

12916' - 12917' Mancos B
12924' - 12925' Mancos B
12930' - 12931' Mancos B
12980' - 12981' Mancos B
12997' - 12998' Mancos B
13003' - 13004' Mancos B
13017' - 13018' Mancos B
13018' - 13019' Mancos B
13020' - 13021' Mancos B
13022' - 13023' Mancos B
13024' - 13025' Mancos B
13026' - 13027' Mancos B
13028' - 13029' Mancos B
13030' - 13034' Mancos B
PBTD @ 13,037' CIBP

TD @ 13,039'

Production Casing
Size: 4-1/2"
Weight: 13.5#
Grade: P-110
Cmtd w/ 506 sxs
Set @ 13,026'
Hole size: 6-1/8"

Tubing Landing Detail:

Description	Size	Footage	Depth
KB		25.00	25.00
Hanger	2 3/8"	0.86	25.86
332 Jts 2-3/8" P-110Tbg	2 3/8"	10,490.29	10,516.15
"F" Nipple	2 3/8"	0.91	10,517.06
1 Jt 2-3/8" Tbg	2 3/8"	32.51	10,549.57
Bit Sub	2 3/8"	0.92	10,550.49
EOT @			**10,550.49**

TUBING INFORMATION
Condition:
New: X Used: ____ Rerun: ____
Grade: P-110 EUE 8rd
Weight (#/ft): 4.7#

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information
Condition:
New: ____ Used: ____ Rerun: ____
Grade: ____
Manufacture: ____

Pump Information:
API Designation ____
Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: ____ Original Run Date: ____
RERUN ____ NEW RUN ____

ESP Well
Cable Size: ____
Pump Intake @ ____ '
End of Pump @ ____ '

Flowing Well
SN @ 10516 '
PKR @ ____
EOT @ 10550 '

Wellhead Detail: Example: 7-1/16" 3000#
____
____
____
Other: ____
Hanger: Yes X No ____

SUMMARY
Perf Mancos 'B' intervals 13030' – 13034'; 13028' – 13029'; 13026' – 10327'; 13024' – 13025'; 13022' – 13023'; 13020' – 13021'; 13018' – 13019'; 13017' – 13018'; 13003' – 13004'; 12997' – 12998'; 12980' – 12981'; 12930' – 12931'; 12924' – 12925'; 12916' – 12917'; 12751' – 12752'; 12737' – 12738'; 12731' – 12732' & 12726' – 12727'. Frac Gross interval 12726' – 13034' w/ Hybor using 2% KCL x-linked gel water system fluid system containing 52,080# 30/50 Ceramic Sand in 197,400 gals at ATR = 58.6 BPM, ATP = 8182 psig, ISIP = 5908#. Perf Blackhawk intervals 12396' – 12398'; 12388' – 12390'; 12300' – 12302'; 12242' – 12250' & 12218' – 12220'. Frac Gross interval 12218' – 12398' w/ Hybor 35# using 2% KCL x-linked gel water system fluid system containing 5,000# 100 Mesh Sand & 300,000# 20/40 Mesh Econo-Prop sand in 169,974 gals at ATR = 51.5 BPM, ATP = 7398 psig, ISIP = 5311#. Perf Lower Mesa Verde intervals 11501' – 11506'; 11475' – 11482' & 11388' – 11392'. Frac Gross interval 11388' – 11506' w/ Hybor 35-30# using 2% KCL x-linked gel water system fluid system containing 5,000# 100 Mesh sand & 90,000# 20/40 mesh Econo-Prop sand in 48,006 gals at ATR = 56.5 BPM, ATP = 6319 psig, ISIP = 4333#. Perf Lower Mesa Verde intervals 11180' – 11188'; 11102' – 11104'; 11024' – 11026'; 11012' – 11014' & 10948' – 10950'. Frac Gross interval 10948' – 11188' w/ Hybor 30# using 2% KCL x-linked gel water system fluid system containing 5,000# 100 Mesh Sand & 120,000# 20/40 mesh Econo-Prop sand in 61,362 gals at ATR = 55.9 BPM, ATP = 5739 psig, ISIP = 4039#. Perf Lower Mesa Verde intervals 10887' – 10892'; 10836' – 10838'; 10798' – 10800'; 10734' – 10736' & 10628' – 10633'. Frac Gross interval 10628' – 10892' w/ Hybor 30# using 2% KCL x-linked gel water system fluid system containing 5,000# 100 Mesh Sand & 63,500# 20/40 mesh Econo-Prop sand in 44,100 gals at ATR = 48.5 BPM, ATP = 6942 psig, ISIP = N/A - Screened Out.

Prepared By: Dahn Caldwell Date: 8/15/05

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 74494

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
White River Unit

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
WRU GB 5M-9-8-22

2. Name of Operator **QEP Uintah Basin Inc**

9. API Well No.
43-047-34753

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4341

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980' FNL, 827' FWL, SWNW, SECTION 9, T8S, R22E, SLBM

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☑ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The operator requests approval to isolate the Mancos formation by setting a CIBP at 12,700'. Following isolation the well will be returned to production.

06/02/06
CHD

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 5/30/06
By: Dustin Doucet

Federal Approval Of This
Action Is Necessary

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Kirk Fleetwood **Kirk.Fleetwod@Questar.com**

Title **Petroleum Engineer**

Signature

Date **05/18/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAY 22 2006
DIV. OF OIL, GAS & MINING

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 74494

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
White River Unit

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
WRU GB 5M-9-8-22

2. Name of Operator **QEP Uintah Basin Inc**

9. API Well No.
43-047-34753

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4341

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980' FNL, 827' FWL, SWNW, SECTION 9, T8S, R22E, SLBM

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☑ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/31/06, the Mancos formation was isolated by setting a CIBP at 12,680'. The procedure was witnessed by Donna Kenney with the BLM. The well was subsequently returned to production.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Kirk Fleetwood **Kirk.Fleetwod@Questar.com**

Title **Petroleum Engineer**

Signature

Date **06/05/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

JUN 07 2006

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other
2. Name of Operator: **QEP Uintah Basin Inc**
3a. Address: **11002 E. 17500 S. VERNAL, UT 84078-8526**
3b. Phone No. *(include area code)*: **435-781-4341**
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **1980' FNL, 827' FWL, SWNW, SECTION 9, T8S, R22E, SLBM**

5. Lease Serial No.: **UTU 74494**
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.: **White River Unit**
8. Well Name and No.: **WRU GB 5M-9-8-22**
9. API Well No.: **43-047-34753**
10. Field and Pool, or Exploratory Area:
11. County or Parish, State: **Uintah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Commingle Production**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The operator requests approval to downhole commingle production from the Wasatch, Mesa Verde and Mancos formations.

8-2-06
CHD

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see requirements of R649-3-22).

June 16, 2006
Utah Division of Oil, Gas and Mining

Federal Approval of This Action is Necessary

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Kirk Fleetwood** **Kirk.Fleetwod@Questar.com** Title **Petroleum Engineer**
Signature: Date **05/10/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAY 12 2006
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:** **WHITE RIVER UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: n/a
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WHITE RIVER 31-4	WR 31-4	SWSE	04	080S	220E	4304715090	4915	Federal	WS	A
WRU 15-35-8-22	WRU EIH 15-35-8-22	SWSE	35	080S	220E	4304733061	12528	Federal	GW	P
E IRON HORSE 12W-35-8-22	WRU EIH 12W-35-8-22	NWSW	35	080S	220E	4304733393	12528	Federal	GW	P
WRU 13W-3-8-22	WR 13W-3-8-22	SWSW	03	080S	220E	4304733651	13544	Federal	GW	P
GB 6W-9-8-22	OU GB 6W-9-8-22	SENW	09	080S	220E	4304734010	13545	Federal	GW	P
E IRON HORSE 4W-35-8-22	WRU EIH 4W-35-8-22	NWNW	35	080S	220E	4304734042	12528	Federal	GW	P
E IRON HORSE 3W-35-8-22		NENW	35	080S	220E	4304734044	12528	Federal	GW	P
GB 4W-9-8-22	WRU GB 4WRG-9-8-22	NWNW	09	080S	220E	4304734208	4915	Federal	GW	DRL
WRU 13WX-35-8-22	WRU EIH 13WX-35-8-22	SWSW	35	080S	220E	4304734210	12528	Federal	GW	P
WRU EIH 5W-35-8-22	WRU EIH 5W-35-8-22	SWNW	35	080S	220E	4304734572	12528	Federal	GW	P
OU GB 14W-9-8-22	OU GB 14W-9-8-22	SESW	09	080S	220E	4304734649	13545	Federal	GW	P
WRU GB 9MU-9-8-22	WRU GB 9MU-9-8-22	NESE	09	080S	220E	4304734650	13545	Federal	GW	P
OU GB 10W-9-8-22	OU GB 10W-9-8-22	NWSE	09	080S	220E	4304734651	13545	Federal	GW	P
OU GB 12W-9-8-22	OU GB 12W-9-8-22	NWSW	09	080S	220E	4304734652	13712	Federal	GW	S
OU GB 15W-9-8-22	OU GB 15W-9-8-22	SWSE	09	080S	220E	4304734678	13545	Federal	GW	P
OU GB 16W-9-8-22	OU GB 16W-9-8-22	SESE	09	080S	220E	4304734679	13545	Federal	GW	P
WRU EIH 6W-35-8-22	WRU EIH 6W-35-8-22	SENW	35	080S	220E	4304734684	12528	Federal	GW	P
GB 11ML-10-8-22	GB 11ML-10-8-22	NESW	10	080S	220E	4304734691	14818	Federal	GW	P
WRU EIH 11W-35-8-22	WRU EIH 11W-35-8-22	NESW	35	080S	220E	4304734708	12528	Federal	GW	P
WRU GB 5M-9-8-22	WRU GB 5M-9-8-22	SWNW	09	080S	220E	4304734753	13545	Federal	GW	P
OU GB 12W-4-8-22	OU GB 12W-4-8-22	NWSW	04	080S	220E	4304734762	13718	Federal	GW	P
OU GB 12M-10-8-22	OU GB 12M-10-8-22	NWSW	10	080S	220E	4304734769	13864	Federal	GW	P
WRU EIH 14W-26-8-22	WRU EIH 14W-26-8-22	SESW	26	080S	220E	4304734835	12528	Federal	GW	S
WRU EIH 11MU-26-8-22	WRU EIH 11MU-26-8-22	NESW	26	080S	220E	4304734836	12528	Federal	GW	P
WRU EIH 10W-35-8-22	WRU EIH 10W-35-8-22	NWSE	35	080S	220E	4304735046	12528	Federal	GW	P
WRU EIH 9MU-26-8-22	WRU EIH 9MU-26-8-22	NESE	26	080S	220E	4304735047	14003	Federal	GW	P
WRU EIH 15MU-26-8-22	WRU EIH 15MU-26-8-22	SWSE	26	080S	220E	4304735048	12528	Federal	GW	P
WRU EIH 1MU-35-8-22	WRU EIH 1MU-35-8-22	NENE	35	080S	220E	4304735049	12528	Federal	GW	P
WRU EIH 9M-35-8-22	WRU EIH 9M-35-8-22	NESE	35	080S	220E	4304735050	12528	Federal	GW	P
WRU EIH 7MU-35-8-22	WRU EIH 7MU-35-8-22	SWNE	35	080S	220E	4304735051	12528	Federal	GW	P
WRU EIH 1MU-26-8-22	WRU EIH 1MU-26-8-22	NENE	26	080S	220E	4304735118	12528	Federal	GW	P
WRU EIH 7MU-26-8-22	WRU EIH 7MU-26-8-22	SENE	26	080S	220E	4304735119	12528	Federal	GW	P
WRU EIH 10MU-26-8-22	WRU EIH 10MU-26-8-22	NWSE	26	080S	220E	4304735120	12528	Federal	GW	P
WRU EIH 15MU-35-8-22	WRU EIH 15MU-35-8-22	SWSE	35	080S	220E	4304735121	12528	Federal	GW	P
WRU EIH 10ML-23-8-22	WRU EIH 10ML-23-8-22	NWSE	23	080S	220E	4304735187	12528	Federal	GW	P
SG 12MU-23-8-22	SG 12MU-23-8-22	NWSW	23	080S	220E	4304735188	12528	Federal	GW	P
WRU EIH 9ML-23-8-22	WRU EIH 9ML-23-8-22	NESE	23	080S	220E	4304735189	12528	Federal	GW	P
WRU EIH 16MU-26-8-22	WRU EIH 16MU-26-8-22	SESE	26	080S	220E	4304735191	12528	Federal	GW	P
WRU EIH 2MU-26-8-22	WRU EIH 2MU-26-8-22	NWNE	26	080S	220E	4304735192	12528	Federal	GW	P
WRU EIH 8MU-26-8-22	WRU EIH 8MU-26-8-22	SENE	26	080S	220E	4304735193	12528	Federal	GW	P
WRU EIH 16MU-35-8-22	WRU EIH 16MU-35-8-22	SESE	35	080S	220E	4304735194	12528	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WRU EIH 8MU-35-8-22	WRU EIH 8MU-35-8-22	SENE	35	080S	220E	4304735195	12528	Federal	GW	P
WRU EIH 13MU-25-8-22	WRU EIH 13MU-25-8-22	SWSW	25	080S	220E	4304735329	12528	Federal	GW	P
WRU EIH 15ML-23-8-22	WRU EIH 15ML-23-8-22	SWSE	23	080S	220E	4304735387	12528	Federal	GW	P
WRU EIH 4MU-25-8-22	WRU EIH 4MU-25-8-22	NWNW	25	080S	220E	4304735388	12528	Federal	GW	P
WRU EIH 3MU-25-8-22	EIH 3MU-25-8-22	NENW	25	080S	220E	4304735389	12528	Federal	GW	P
WRU EIH 12ML-24-8-22	WRU EIH 12ML-24-8-22	NWSW	24	080S	220E	4304735425	12528	Federal	GW	P
WRU EIH 14ML-24-8-22	WRU EIH 14ML-24-8-22	SESW	24	080S	220E	4304735426	12528	Federal	GW	P
WRU EIH 6MU-25-8-22	WRU EIH 6MU-25-8-22	SENW	25	080S	220E	4304735431	12528	Federal	GW	P
WRU EIH 5MU-25-8-22	WRU EIH 5MU-25-8-22	SWNW	25	080S	220E	4304735432	12528	Federal	GW	P
WRU EIH 12MU-25-8-22	WRU EIH 12MU-25-8-22	NWSW	25	080S	220E	4304735601	12528	Federal	GW	P
WRU EIH 14MU-35-8-22	WRU EIH 14MU-35-8-22	SESW	35	080S	220E	4304735667	12528	Federal	GW	P
WRU EIH 13ML-24-8-22	WRU EIH 13ML-24-8-22	SESW	24	080S	220E	4304735793	12528	Federal	GW	P
WRU EIH 16ML-23-8-22	WRU EIH 16ML-23-8-22	SWSE	23	080S	220E	4304735804	12528	Federal	GW	P
WRU EIH 11ML-24-8-22	WRU EIH 11ML-24-8-22	NWSW	24	080S	220E	4304735805	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-22	WRU EIH 6B-ML-35-8-22	SWNW	35	080S	220E	4304737299	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-20	WRU EIH 6B-ML-35-8-21	SWNW	35	080S	220E	4304737299	15281 12528	Federal	GW	S
WRU EIH 11BML-35-8-22	WRU EIH 11BML-35-8-22	NESW	35	080S	220E	4304737300	12528	Federal	GW	P
WRU EIH 3D-ML-35-8-22	WRU EIH 3D-ML-35-8-22	SENW	35	080S	220E	4304737465	12528	Federal	GW	P
WRU EIH 7D-ML-35-8-22	WRU EIH 7D-ML-35-8-22	SWNE	35	080S	220E	4304737466	12528	Federal	GW	P
WRU EIH 4AML-25-8-22	WRU EIH 4AD-25-8-22	NWNW	25	080S	220E	4304738636		Federal	GW	APD
WRU EIH 7AML-26-8-22	WRU EIH 7AD-26-8-22	SWNE	26	080S	220E	4304738637		Federal	GW	APD
WRU EIH 8DML-26-8-22	WRU EIH 8DML-26-8-22	SENE	26	080S	220E	4304738638		Federal	GW	APD
WRU EIH 9DML-26-8-22	WRU EIH 9DML-26-8-22	NESE	26	080S	220E	4304738639		Federal	GW	APD
WRU EIH 6DML-35-8-22	WRU EIH 6DD-35-8-22	SENW	35	080S	220E	4304738640		Federal	GW	APD
WRU EIH 7AD-35-8-22	WRU EIH 7AD-35-8-22	SWNE	35	080S	220E	4304738641		Federal	GW	APD
WRU EIH 13AML-35-8-22	WRU EIH 14BD-35-8-22	SWSW	35	080S	220E	4304738642		Federal	GW	APD
WRU EIH 2AML-35-8-22	WRU EIH 2AML-35-8-22	NWNE	35	080S	220E	4304738643		Federal	GW	APD
WRU EIH 3AD-35-8-22	WRU EIH 3AD-35-8-22	NENW	35	080S	220E	4304738644		Federal	GW	APD
WRU EIH 10AML-26-8-22	WRU EIH 10AML-26-8-22	NWSE	26	080S	220E	4304738647		Federal	GW	APD
WRU EIH 14AML-26-8-22	WRU EIH 14AML-26-8-22	SESW	26	080S	220E	4304738648		Federal	GW	APD
WRU EIH 9CML-26-8-22	WRU EIH 9CD-26-8-22	NESE	26	080S	220E	4304738649		Federal	GW	APD
WRU EIH 6BML-25-8-22	WRU EIH 6BML-25-8-22	SENW	25	080S	220E	4304738650		Federal	GW	APD
WRU EIH 15AG-35-8-22	WRU EIH 15AG-35-8-22	SWSE	35	080S	220E	4304738772		Federal	OW	APD
WRU EIH 15AML-35-8-22	WRU EIH 15AD-35-8-22	SWSE	35	080S	220E	4304738773		Federal	GW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

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APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached

7. UNIT or CA AGREEMENT NAME: see attached

1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: see attached

2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY

9. API NUMBER: attached

3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 308-3068

10. FIELD AND POOL, OR WILDCAT:

4 LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 4/17/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: White River Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the White River Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the White River Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - White River Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:** **WHITE RIVER**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER:	See attached
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	See attached
7. UNIT or CA AGREEMENT NAME:	See attached
8. WELL NAME and NUMBER:	See attached
9. API NUMBER:	Attached
10. FIELD AND POOL, OR WILDCAT:	See attached

1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

2 NAME OF OPERATOR: Questar Exploration and Production Company N5085

3 ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4 LOCATION OF WELL

FOOTAGES AT SURFACE: See attached COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 2 8 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528 14351	Federal	GW	P	
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528 14104	Federal	GW	P	
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528 14234	Federal	GW	P	
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528 14198	Federal	GW	P	
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528 17329	Federal	GW	P	
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528 14168	Federal	GW	P	
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528 14681	Federal	GW	S	
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528 14339	Federal	GW	P	
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528 14341	Federal	GW	P	
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528 14536	Federal	GW	P	
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528 14646	Federal	GW	P	
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528 14379	Federal	GW	P	
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528 14240	Federal	GW	P	
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528 14214	Federal	GW	P	
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528 14615	Federal	GW	P	
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528 14644	Federal	GW	S	
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528 14683	Federal	GW	P	
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528 14540	Federal	GW	P	
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528 15281	Federal	GW	P	
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528 15282	Federal	GW	P	
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528 15552	Federal	GW	P	
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528 15637	Federal	GW	P	
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528 16651	Federal	GW	P	
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528 16579	Federal	GW	P	
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528 16511	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM